

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

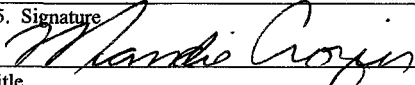
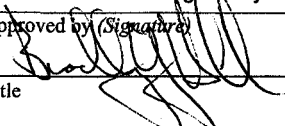
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal H-15-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33987
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW (Lot #2) 2098' FNL 583' FWL At proposed prod. zone SWNE 1390' FNL 2365' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 15, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1502' f/lease, 1502' f/unit	16. No. of Acres in lease 1,360.57	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 975'	13. State UT
19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6234' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-09-08
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Surf

566863X
4431440Y
40.03242
- 110.21635

BAL

566834X
4431660Y
40.03441
- 110.21666

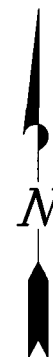
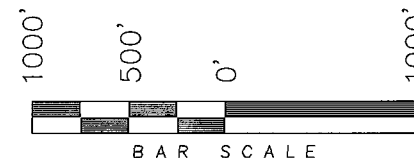
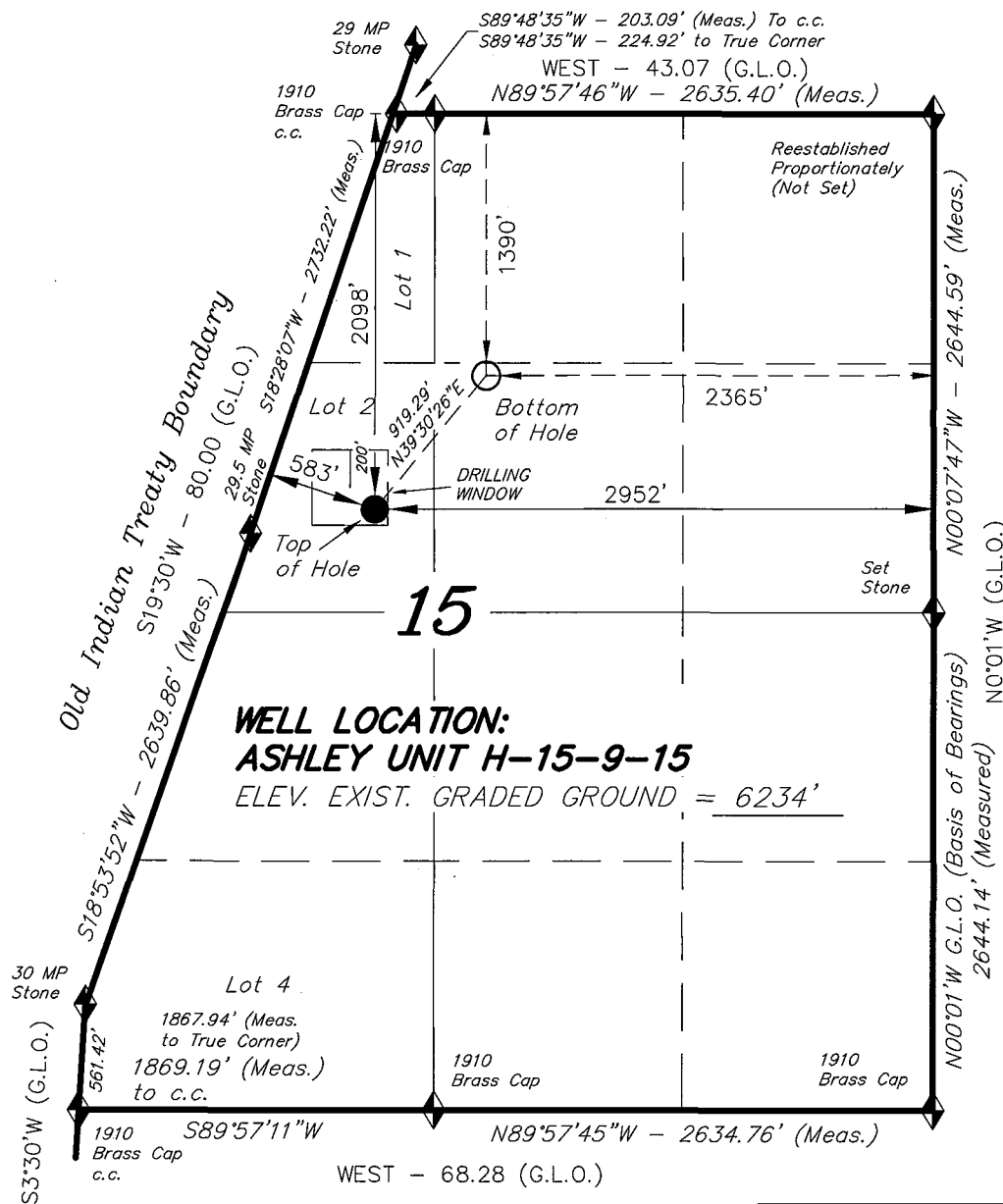
Federal Approval of this
Action Is Necessary

RECEIVED
MAY 28 2008
DIV. OF OIL, GAS & MINING

T9S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

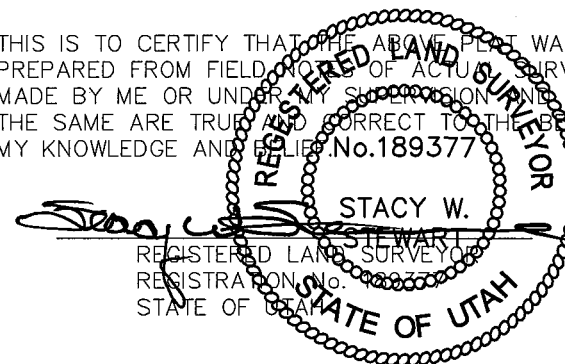
WELL LOCATION, ASHLEY UNIT H-15-9-15,
LOCATED AS SHOWN IN THE SE 1/4 NW
1/4 (LOT 2) OF SECTION 15, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

1. The footages are measured at right angles to Section lines.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

ASHLEY UNIT H-15-9-15
(Surface Location) NAD 83
LATITUDE = 40° 01' 56.63"
LONGITUDE = 110° 13' 09.75"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-31-08	SURVEYED BY: C.M.
DATE DRAWN: 02-15-08	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
ASHLEY FEDERAL H-15-9-15
AT SURFACE: SE/NW (LOT #2) SECTION 15, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1551'
Green River	1551'
Wasatch	6135'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1551' – 6135' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
ASHLEY FEDERAL H-15-9-15
AT SURFACE: SE/NW (LOT #2)SECTION 15, T9S, R15E
DUCESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal H-15-9-15 located in the SE 1/4 NW 1/4 Section 15, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 13.0 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 1.5 miles \pm to it's junction with the beginning of the access road to the existing Ashley Federal 6-15-9-15 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Ashley Federal 6-15-9-15 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Ashley Federal 6-15-9-15 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Ashley Federal H-15-9-15. All permanent surface equipment will be painted Olive Black.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Ashley Federal H-15-9-15 will be drilled off of the existing Ashley Federal 6-15-9-15 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Elk and Deer winter range: No new construction or surface disturbing activities will be allowed November. 1st and April 15th.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal H-15-9-15 was on-sited on 4/16/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management)and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**Representative**

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

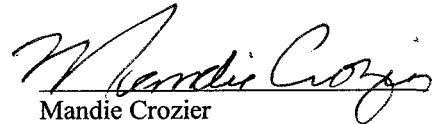
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-15-9-15 SE/NW Section 15, Township 9S, Range 15E: Lease UTU-66184 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

5/23/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Ashley Unit
Well: Ashley Unit H-15-9-15
Wellbore: OH
Design: Plan #1

Northfield Exploration Co.

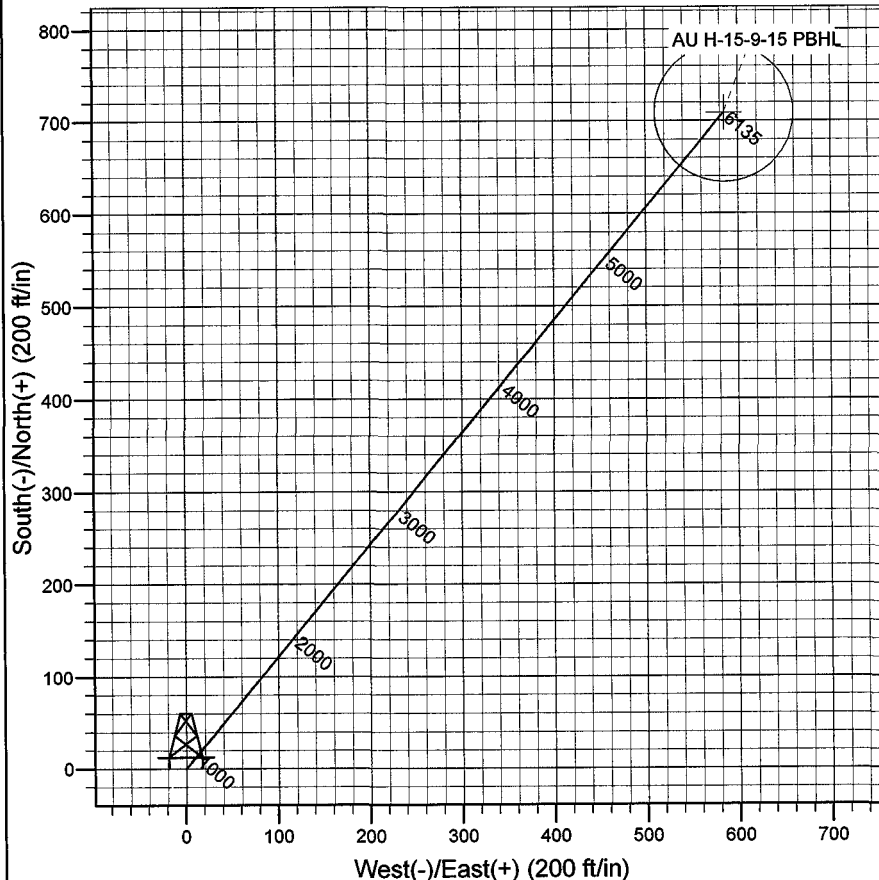
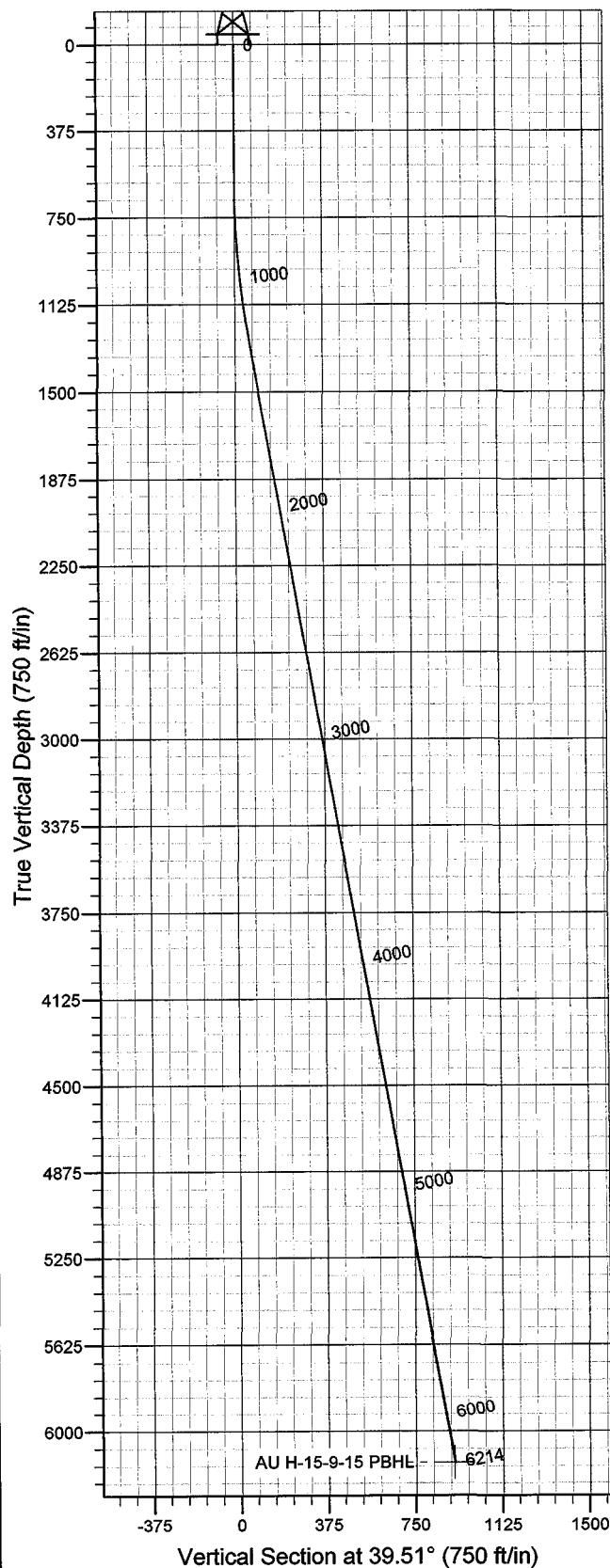


Azimuths to True North
Magnetic North: 11.76°

Magnetic Field
Strength: 52565.9snT
Dip Angle: 65.84°
Date: 2008-05-09
Model: IGRF2005-10

WELL DETAILS: Ashley Unit H-15-9-15

GL 6234' & RKB 12' @ 6246.00ft 6234.00
+N/-S 0.00 +E/-W 0.00 Northing 7183105.75 Easting 1998988.39 Latitude 40° 1' 56.630 N Longitude 110° 13' 9.750 W



Plan: Plan #1 (Ashley Unit H-15-9-15/OH)

Created By: Julie Cruse Date: 2008-05-09

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1268.37	10.03	39.51	1264.97	45.00	37.11	1.50	39.51	58.33	
6213.92	10.03	39.51	6135.00	709.24	584.86	0.00	0.00	919.29	AU H-15-9-15 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Ashley Unit

Ashley Unit H-15-9-15

OH

Plan: Plan #1

Standard Planning Report

09 May, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Ashley Unit
Well: Ashley Unit H-15-9-15
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ashley Unit H-15-9-15
TVD Reference: GL 6234' & RKB 12' @ 6246.00ft
MD Reference: GL 6234' & RKB 12' @ 6246.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Ashley Unit,		
Site Position:		Northing:	7,194,005.61 ft
From:	Lat/Long	Easting:	2,011,719.22 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40° 3' 42.510 N
		Longitude:	110° 10' 24.010 W
		Grid Convergence:	0.85 °

Well	Ashley Unit H-15-9-15, 2098' FNL 2952' FEL Sec 15 T9S R15E		
Well Position	+N/-S	0.00 ft	Northing: 7,183,105.75 ft
	+E/-W	0.00 ft	Easting: 1,998,988.39 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 1' 56.630 N
		Longitude:	110° 13' 9.750 W
		Ground Level:	6,234.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-05-09	11.76	65.84	52,566

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	39.51

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,268.37	10.03	39.51	1,264.97	45.00	37.11	1.50	1.50	0.00	39.51	
6,213.92	10.03	39.51	6,135.00	709.24	584.86	0.00	0.00	0.00	0.00	AU H-15-9-15 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Ashley Unit
Well: Ashley Unit H-15-9-15
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ashley Unit H-15-9-15
TVD Reference: GL 6234' & RKB 12' @ 6246.00ft
MD Reference: GL 6234' & RKB 12' @ 6246.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	39.51	699.99	1.01	0.83	1.31	1.50	1.50	0.00
800.00	3.00	39.51	799.91	4.04	3.33	5.23	1.50	1.50	0.00
900.00	4.50	39.51	899.69	9.08	7.49	11.77	1.50	1.50	0.00
1,000.00	6.00	39.51	999.27	16.14	13.31	20.92	1.50	1.50	0.00
1,100.00	7.50	39.51	1,098.57	25.21	20.79	32.68	1.50	1.50	0.00
1,200.00	9.00	39.51	1,197.54	36.28	29.92	47.03	1.50	1.50	0.00
1,268.37	10.03	39.51	1,264.97	45.00	37.11	58.33	1.50	1.50	0.00
1,300.00	10.03	39.51	1,296.11	49.25	40.61	63.83	0.00	0.00	0.00
1,400.00	10.03	39.51	1,394.58	62.68	51.69	81.24	0.00	0.00	0.00
1,500.00	10.03	39.51	1,493.06	76.11	62.76	98.65	0.00	0.00	0.00
1,600.00	10.03	39.51	1,591.53	89.54	73.84	116.06	0.00	0.00	0.00
1,700.00	10.03	39.51	1,690.00	102.97	84.91	133.47	0.00	0.00	0.00
1,800.00	10.03	39.51	1,788.48	116.40	95.99	150.88	0.00	0.00	0.00
1,900.00	10.03	39.51	1,886.95	129.83	107.07	168.29	0.00	0.00	0.00
2,000.00	10.03	39.51	1,985.42	143.27	118.14	185.69	0.00	0.00	0.00
2,100.00	10.03	39.51	2,083.90	156.70	129.22	203.10	0.00	0.00	0.00
2,200.00	10.03	39.51	2,182.37	170.13	140.29	220.51	0.00	0.00	0.00
2,300.00	10.03	39.51	2,280.84	183.56	151.37	237.92	0.00	0.00	0.00
2,400.00	10.03	39.51	2,379.31	196.99	162.44	255.33	0.00	0.00	0.00
2,500.00	10.03	39.51	2,477.79	210.42	173.52	272.74	0.00	0.00	0.00
2,600.00	10.03	39.51	2,576.26	223.85	184.60	290.15	0.00	0.00	0.00
2,700.00	10.03	39.51	2,674.73	237.28	195.67	307.56	0.00	0.00	0.00
2,800.00	10.03	39.51	2,773.21	250.72	206.75	324.97	0.00	0.00	0.00
2,900.00	10.03	39.51	2,871.68	264.15	217.82	342.37	0.00	0.00	0.00
3,000.00	10.03	39.51	2,970.15	277.58	228.90	359.78	0.00	0.00	0.00
3,100.00	10.03	39.51	3,068.63	291.01	239.97	377.19	0.00	0.00	0.00
3,200.00	10.03	39.51	3,167.10	304.44	251.05	394.60	0.00	0.00	0.00
3,300.00	10.03	39.51	3,265.57	317.87	262.13	412.01	0.00	0.00	0.00
3,400.00	10.03	39.51	3,364.04	331.30	273.20	429.42	0.00	0.00	0.00
3,500.00	10.03	39.51	3,462.52	344.73	284.28	446.83	0.00	0.00	0.00
3,600.00	10.03	39.51	3,560.99	358.16	295.35	464.24	0.00	0.00	0.00
3,700.00	10.03	39.51	3,659.46	371.60	306.43	481.64	0.00	0.00	0.00
3,800.00	10.03	39.51	3,757.94	385.03	317.50	499.05	0.00	0.00	0.00
3,900.00	10.03	39.51	3,856.41	398.46	328.58	516.46	0.00	0.00	0.00
4,000.00	10.03	39.51	3,954.88	411.89	339.66	533.87	0.00	0.00	0.00
4,100.00	10.03	39.51	4,053.36	425.32	350.73	551.28	0.00	0.00	0.00
4,200.00	10.03	39.51	4,151.83	438.75	361.81	568.69	0.00	0.00	0.00
4,300.00	10.03	39.51	4,250.30	452.18	372.88	586.10	0.00	0.00	0.00
4,400.00	10.03	39.51	4,348.77	465.61	383.96	603.51	0.00	0.00	0.00
4,500.00	10.03	39.51	4,447.25	479.04	395.03	620.92	0.00	0.00	0.00
4,600.00	10.03	39.51	4,545.72	492.48	406.11	638.32	0.00	0.00	0.00
4,700.00	10.03	39.51	4,644.19	505.91	417.19	655.73	0.00	0.00	0.00
4,800.00	10.03	39.51	4,742.67	519.34	428.26	673.14	0.00	0.00	0.00
4,900.00	10.03	39.51	4,841.14	532.77	439.34	690.55	0.00	0.00	0.00
5,000.00	10.03	39.51	4,939.61	546.20	450.41	707.96	0.00	0.00	0.00
5,100.00	10.03	39.51	5,038.09	559.63	461.49	725.37	0.00	0.00	0.00
5,200.00	10.03	39.51	5,136.56	573.06	472.56	742.78	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Ashley Unit
Well: Ashley Unit H-15-9-15
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ashley Unit H-15-9-15
TVD Reference: GL 6234' & RKB 12' @ 6246.00ft
MD Reference: GL 6234' & RKB 12' @ 6246.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.03	39.51	5,235.03	586.49	483.64	760.19	0.00	0.00	0.00
5,400.00	10.03	39.51	5,333.50	599.93	494.72	777.60	0.00	0.00	0.00
5,500.00	10.03	39.51	5,431.98	613.36	505.79	795.00	0.00	0.00	0.00
5,600.00	10.03	39.51	5,530.45	626.79	516.87	812.41	0.00	0.00	0.00
5,700.00	10.03	39.51	5,628.92	640.22	527.94	829.82	0.00	0.00	0.00
5,800.00	10.03	39.51	5,727.40	653.65	539.02	847.23	0.00	0.00	0.00
5,900.00	10.03	39.51	5,825.87	667.08	550.09	864.64	0.00	0.00	0.00
6,000.00	10.03	39.51	5,924.34	680.51	561.17	882.05	0.00	0.00	0.00
6,100.00	10.03	39.51	6,022.82	693.94	572.25	899.46	0.00	0.00	0.00
6,200.00	10.03	39.51	6,121.29	707.37	583.32	916.87	0.00	0.00	0.00
6,213.92	10.03	39.51	6,135.00	709.24	584.86	919.29	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
AU H-15-9-15 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,135.00	709.24	584.86	7,183,823.30	1,999,563.04	40° 2' 3.640 N	110° 13' 2.230 W

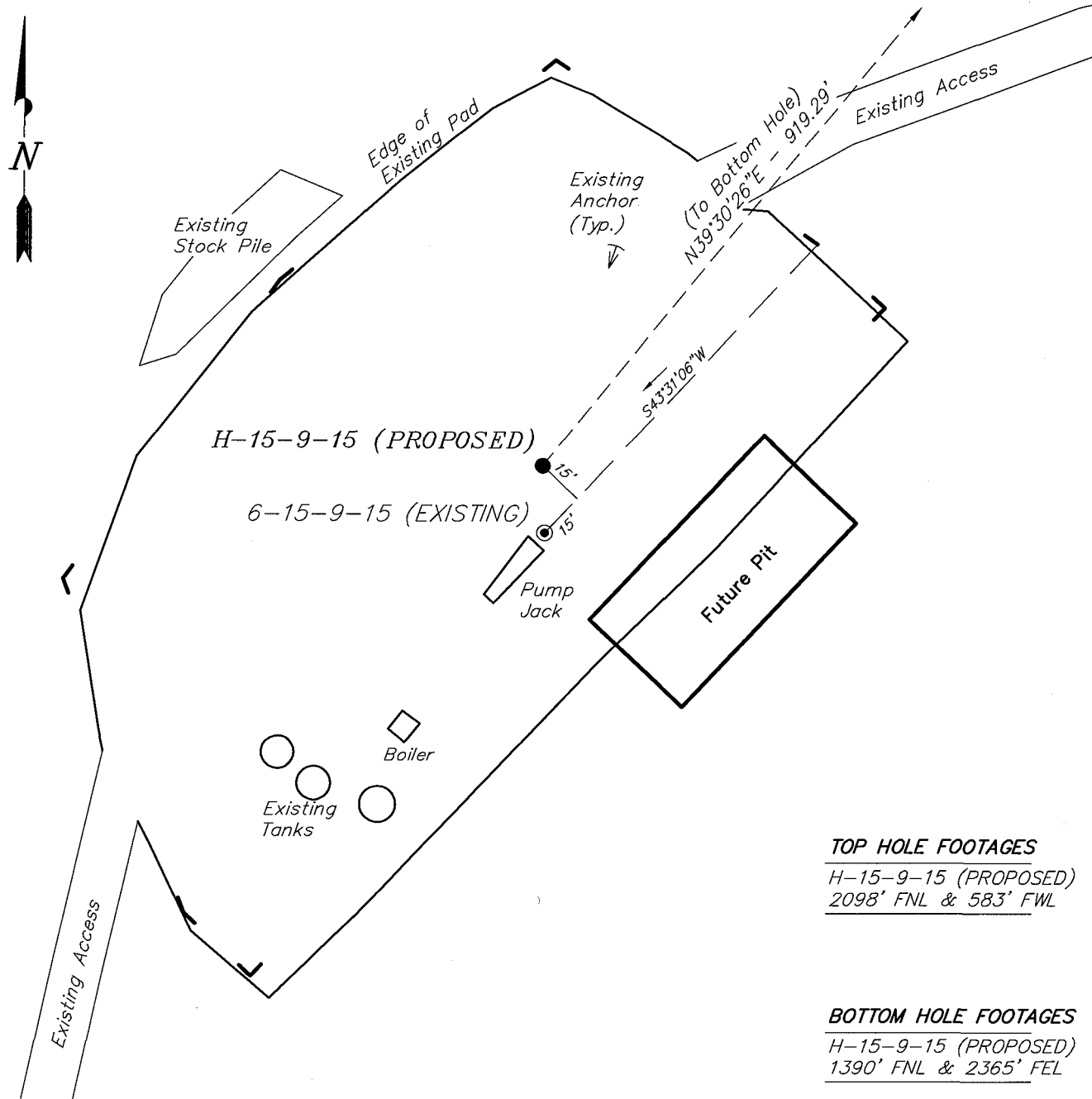
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

ASHLEY UNIT H-15-9-15 (Proposed Well)

ASHLEY UNIT 6-15-9-15 (Existing Well)

Pad Location: SENW (LOT 2) Section 15, T9S, R15E, S.L.B.&M.



TOP HOLE FOOTAGES

H-15-9-15 (PROPOSED)
2098' FNL & 583' FWL

BOTTOM HOLE FOOTAGES

H-15-9-15 (PROPOSED)
1390' FNL & 2365' FEL

Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
H-15-9-15	709'	585'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
H-15-9-15	40° 01' 56.63"	110° 13' 09.75"
6-15-9-15	40° 01' 56.43"	110° 13' 09.74"

SURVEYED BY: C.M. DATE SURVEYED: 02-02-08
DRAWN BY: L.C.S. DATE DRAWN: 02-15-08
SCALE: 1" = 50' REVISED:

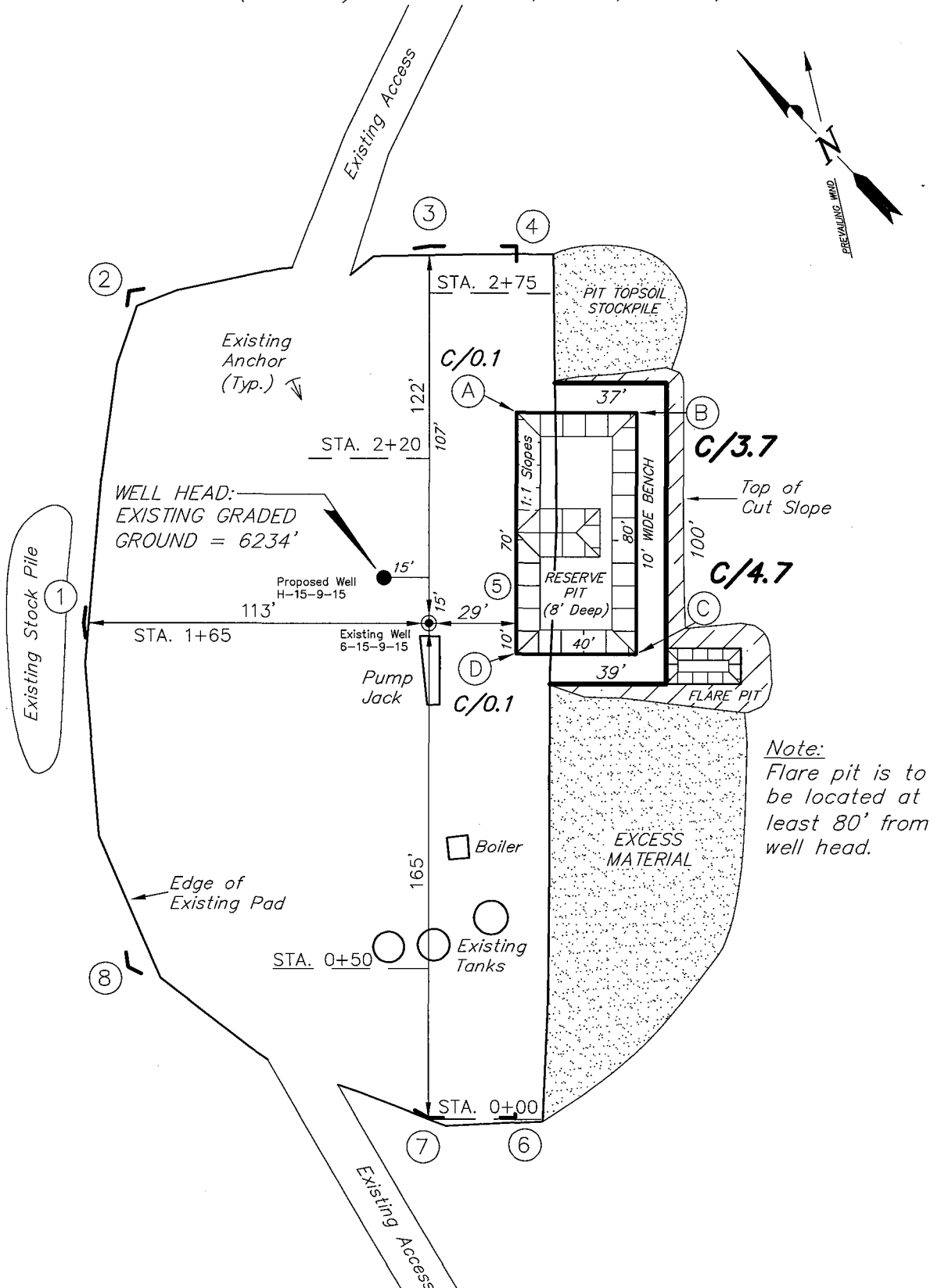
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT H-15-9-15 (Proposed Well)

ASHLEY UNIT 6-15-9-15 (Existing Well)

Pad Location: SENW (LOT 2) Section 15, T9S, R15E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M.	DATE DRAWN: 02-15-08
SCALE: 1" = 50'	REVISED:

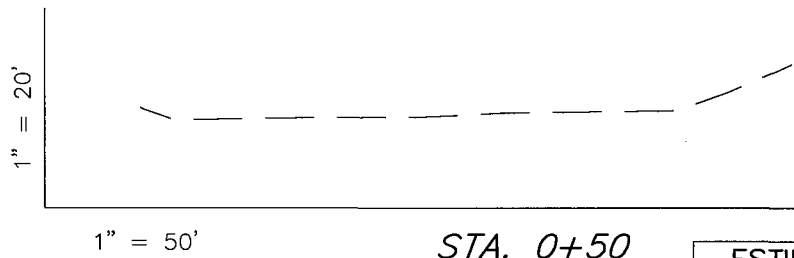
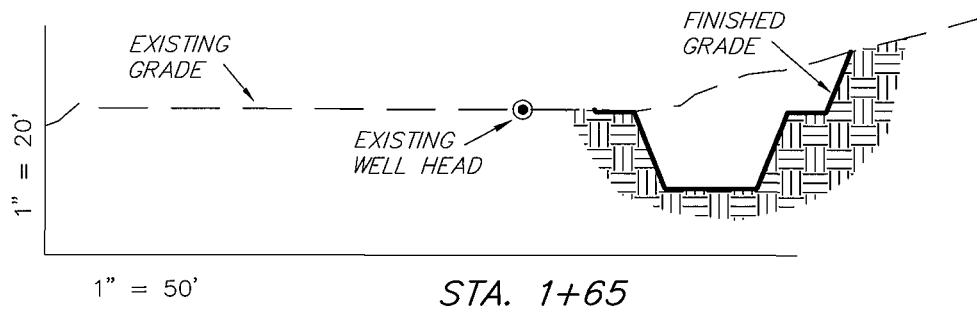
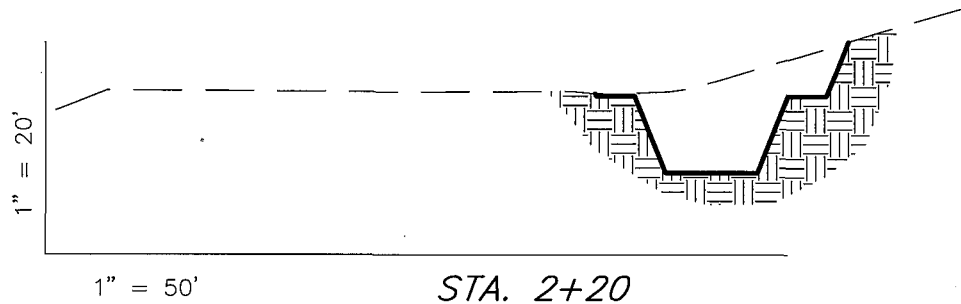
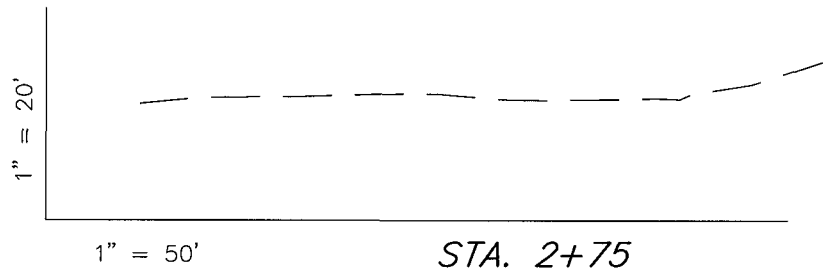
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

ASHLEY UNIT H-15-9-15 (Proposed Well)

ASHLEY UNIT 6-15-9-15 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	720	0	Topsoil is not included in Pad Cut	720
PIT	640	0		640
TOTALS	1,360	0	140	1,360

SURVEYED BY: C.M. DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M. DATE DRAWN: 02-15-08
SCALE: 1" = 50' REVISED:

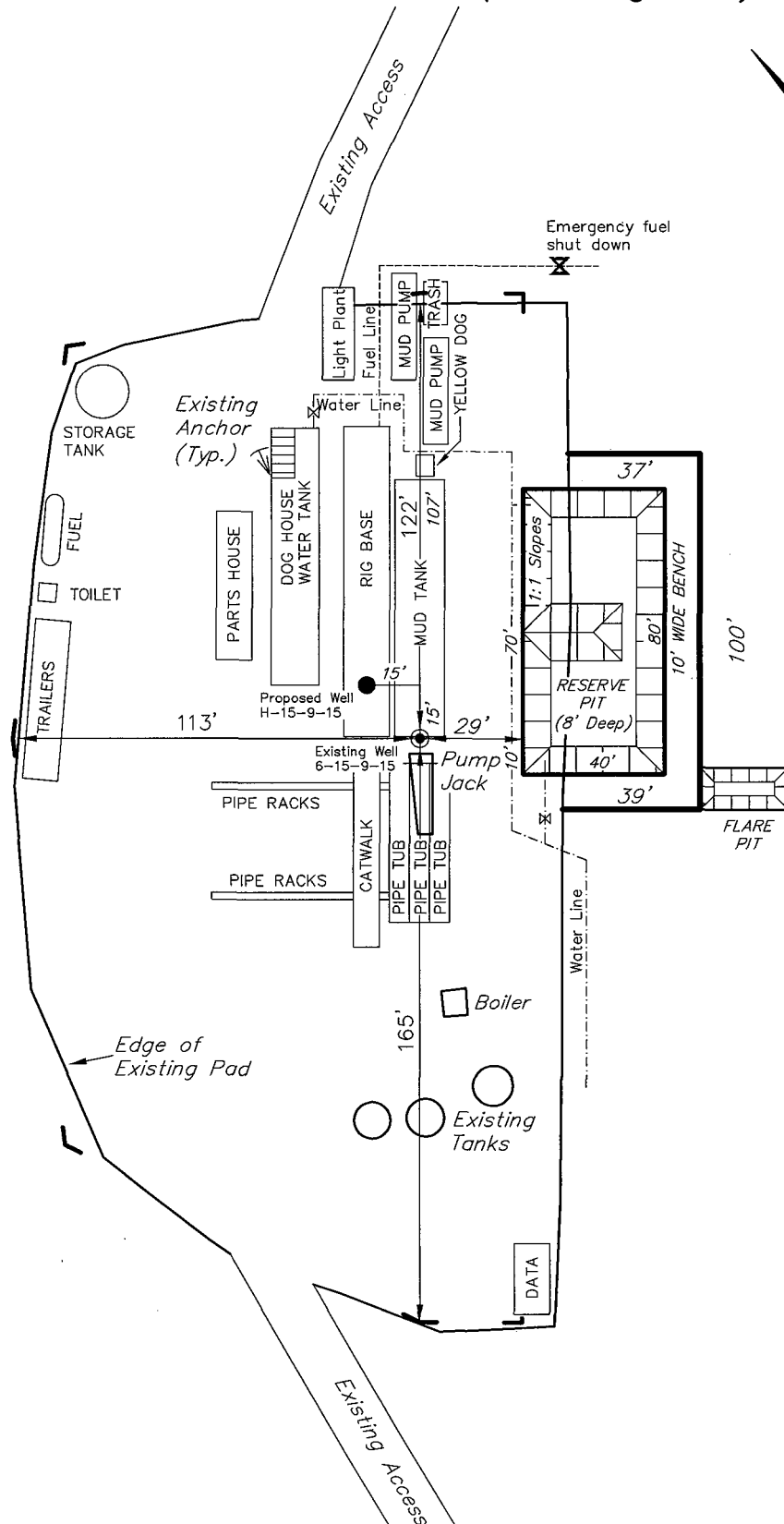
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

ASHLEY UNIT H-15-9-15 (Proposed Well)

ASHLEY UNIT 6-15-9-15 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M.	DATE DRAWN: 02-15-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

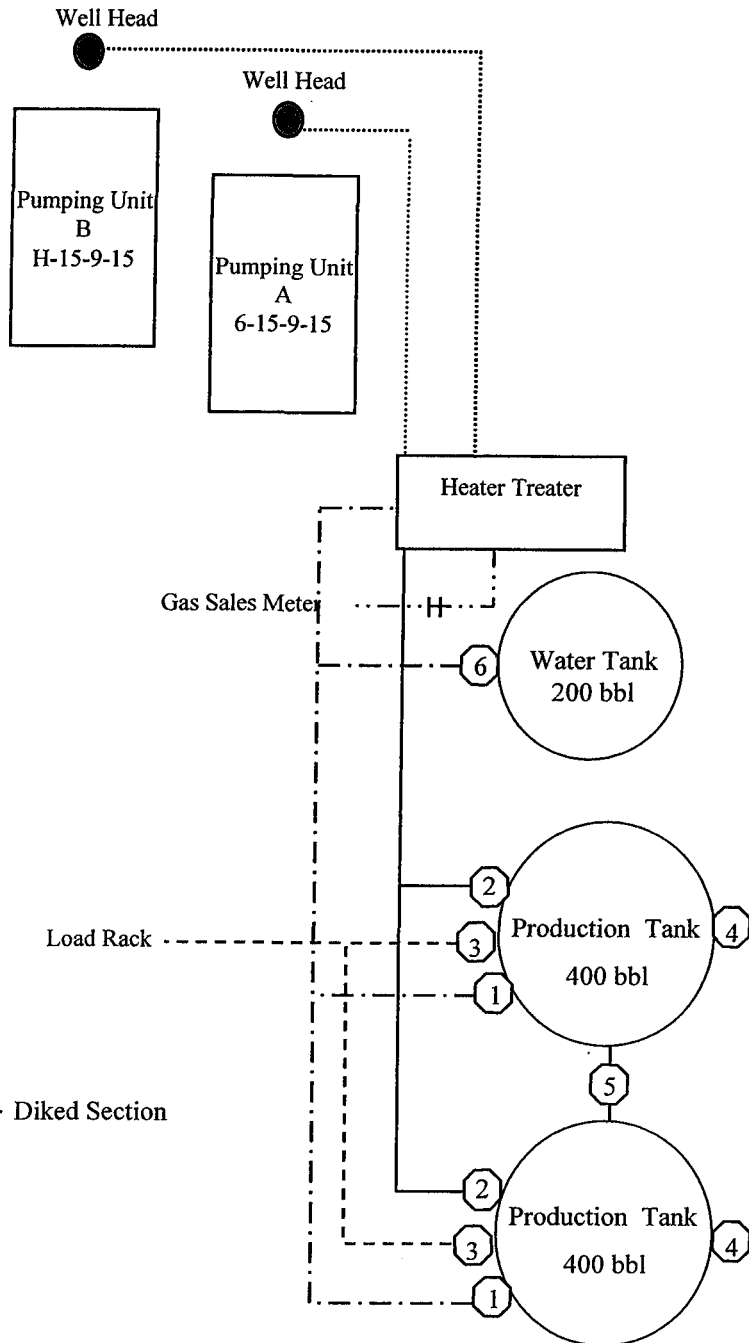
Ashley Federal H-15-9-15

From the 6-15-9-15 Location

SE/NW (LOT #2) Sec. 15, T9S, R15E

Duchesne County, Utah

UTU-66184



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

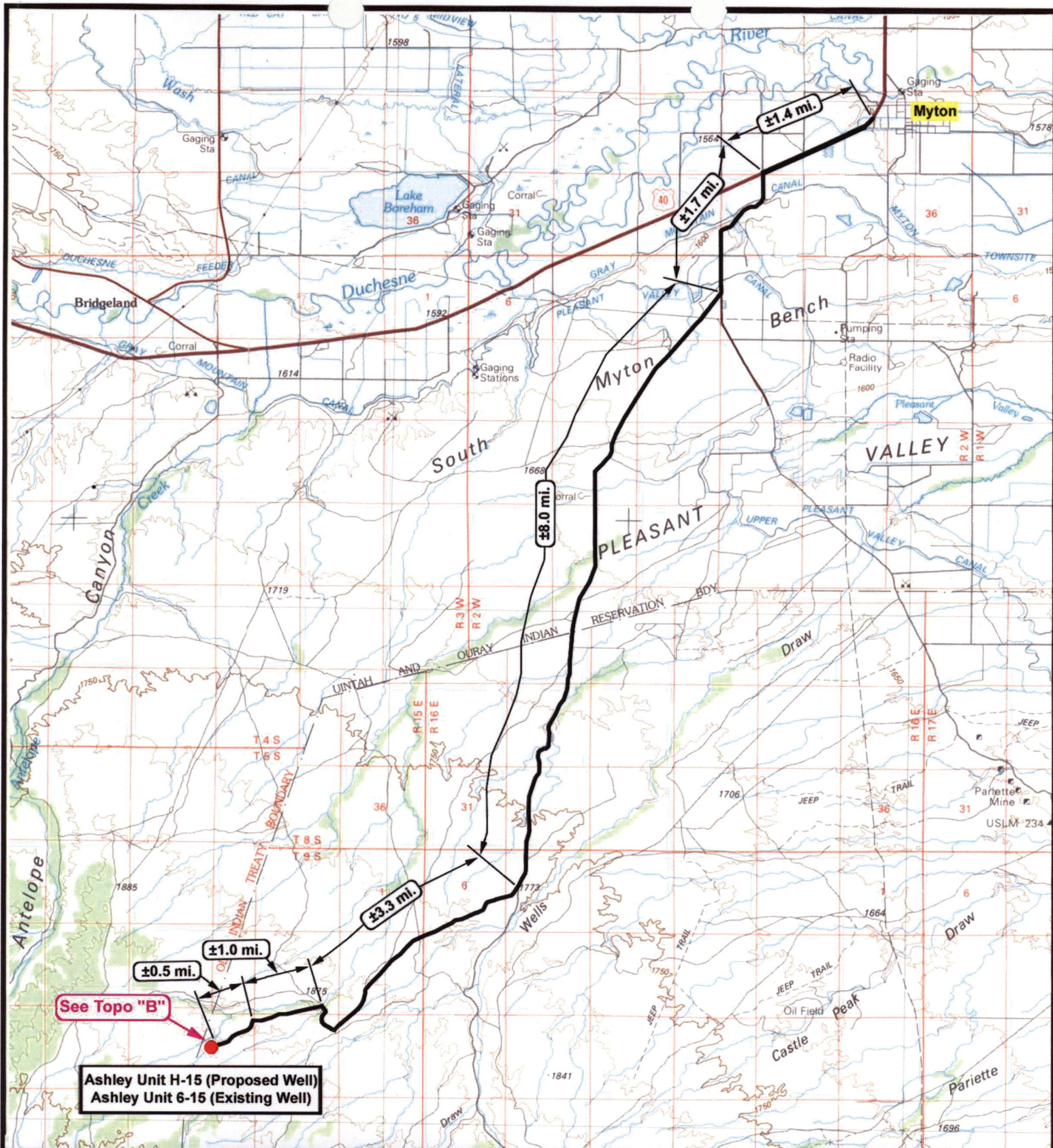
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open


Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . . - . - .
Oil Line	—————





NEWFIELD
Exploration Company

Ashley Unit H-15-9-15 (Proposed Location)
Ashley Unit 6-15-9-15 (Existing Location)
Pad Location SWNE SEC. 15, T9S, R15E, S.L.B.&M.






Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

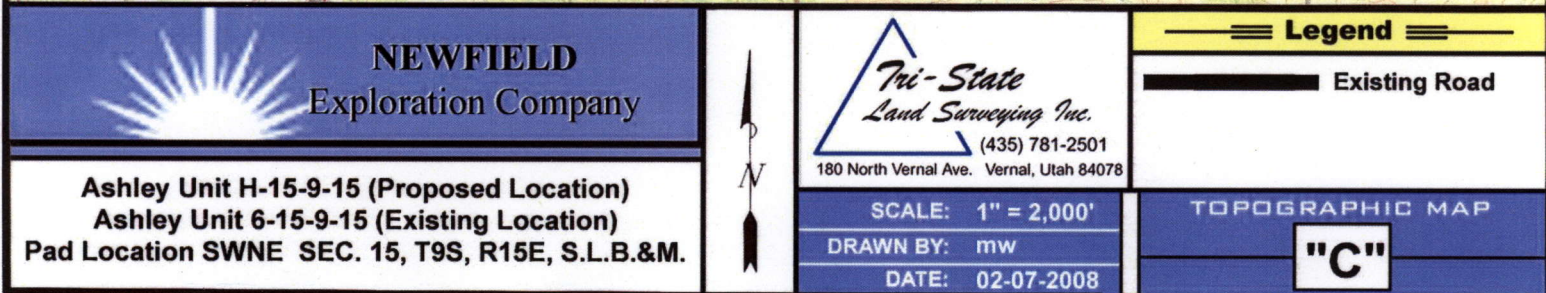
SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 02-07-2008

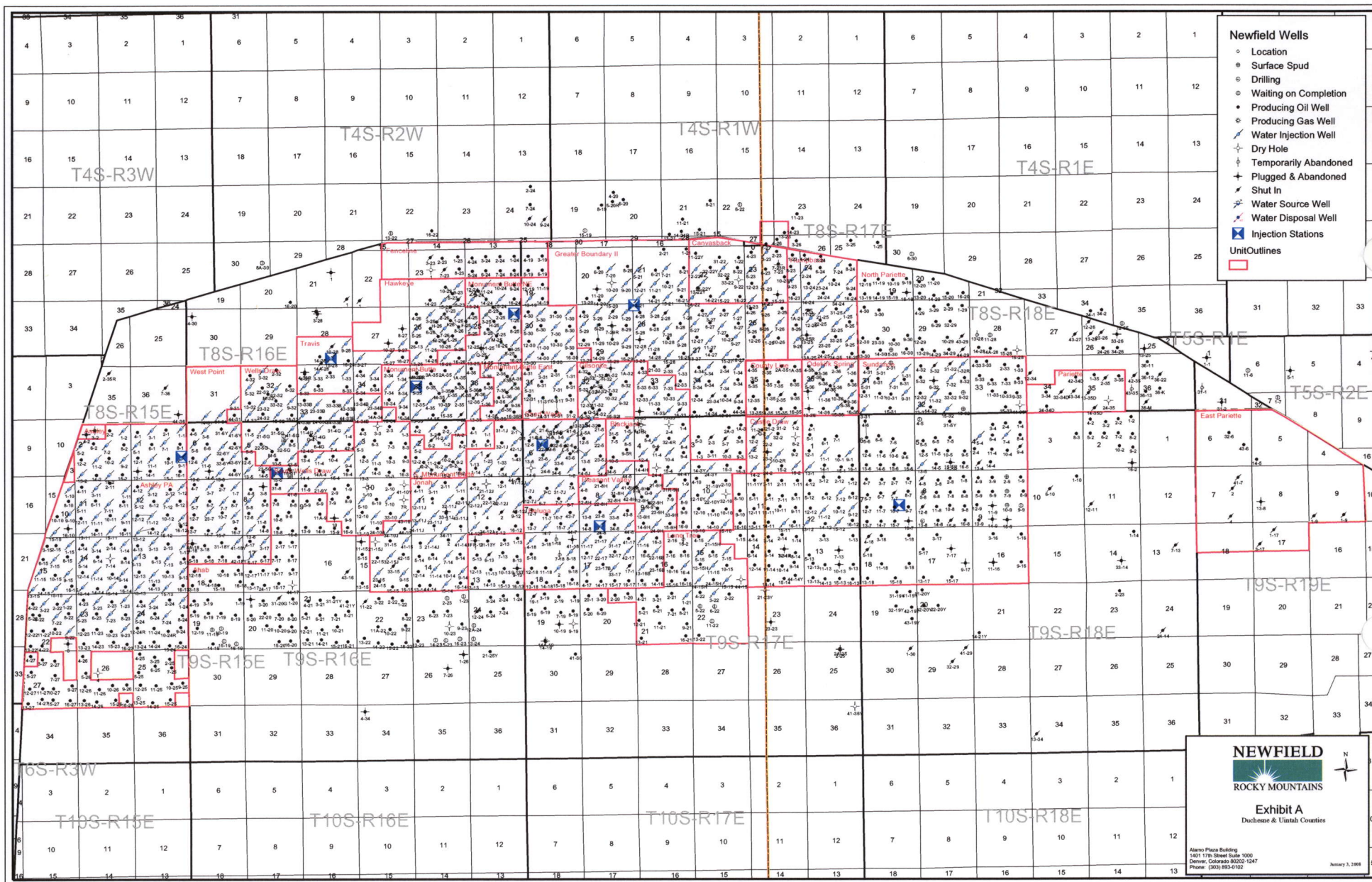
Legend

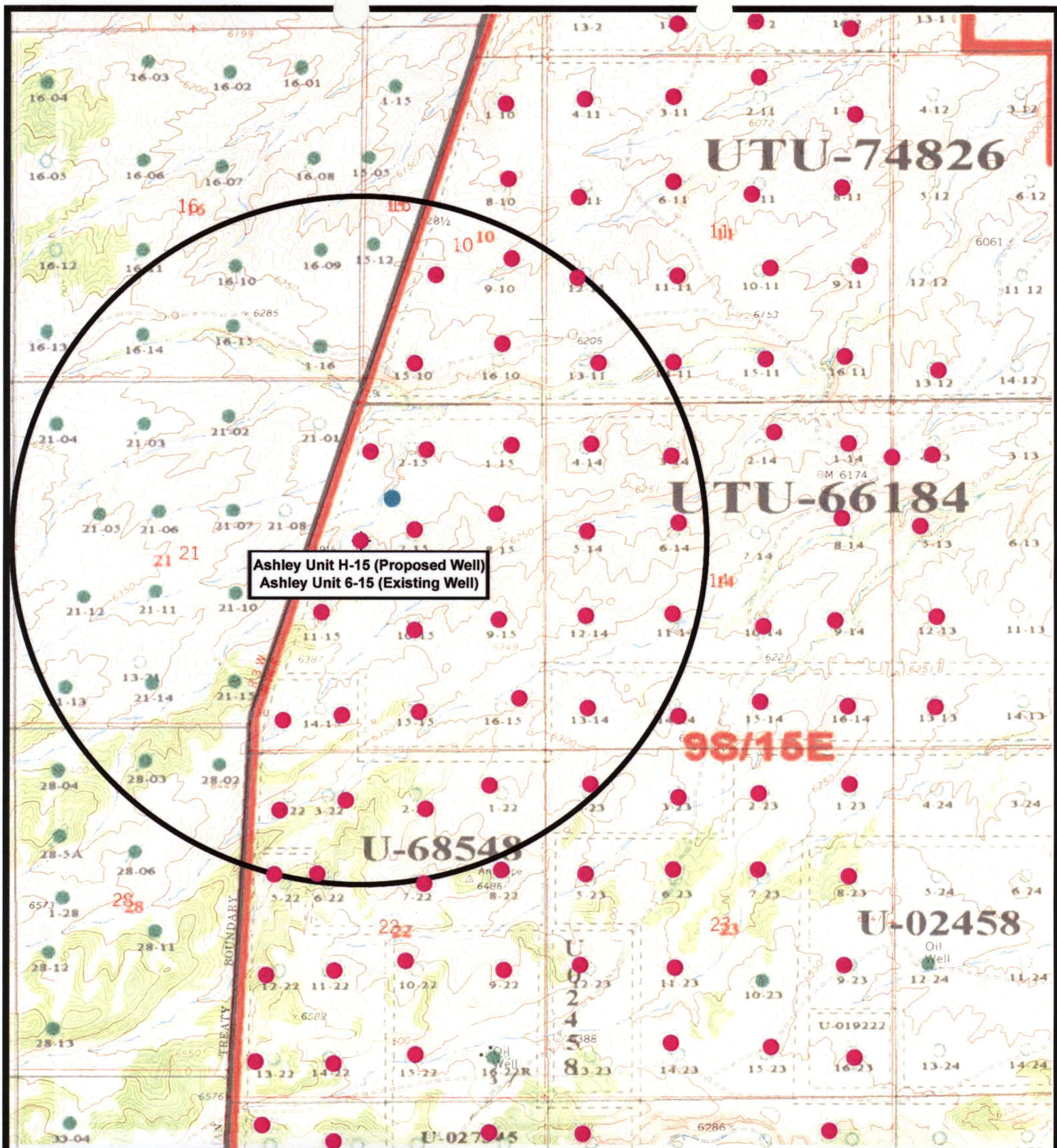
 Existing Road

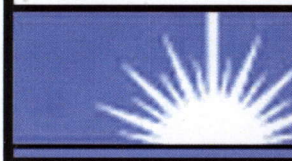
TOPOGRAPHIC MAP

"A"









NEWFIELD
Exploration Company

Ashley Unit H-15-9-15 (Proposed Location)
Ashley Unit 6-15-9-15 (Existing Location)
Pad Location SWNE SEC. 15, T9S, R15E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-07-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

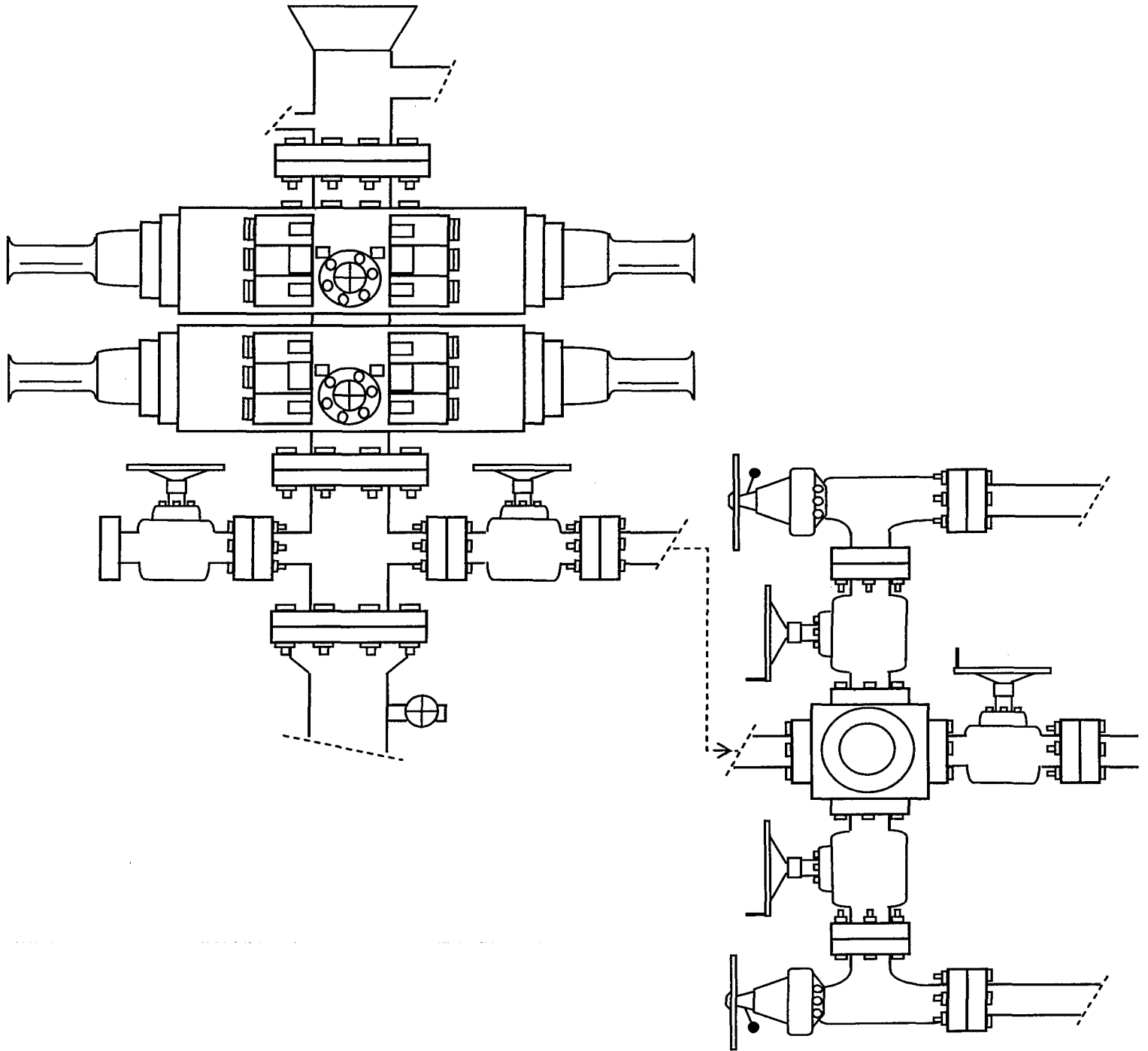


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/28/2008

API NO. ASSIGNED: 43-013-33987

WELL NAME: ASHLEY FED H-15-9-15

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SE NW 15 090S 150E

SURFACE: 2098 FNL 0583 FWL

BOTTOM: 1390 FNL 2365 FEL

COUNTY: DUCHESNE

LATITUDE: 40.03242 LONGITUDE: -110.2164

UTM SURF EASTINGS: 566863 NORTHINGS: 4431440

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66184

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

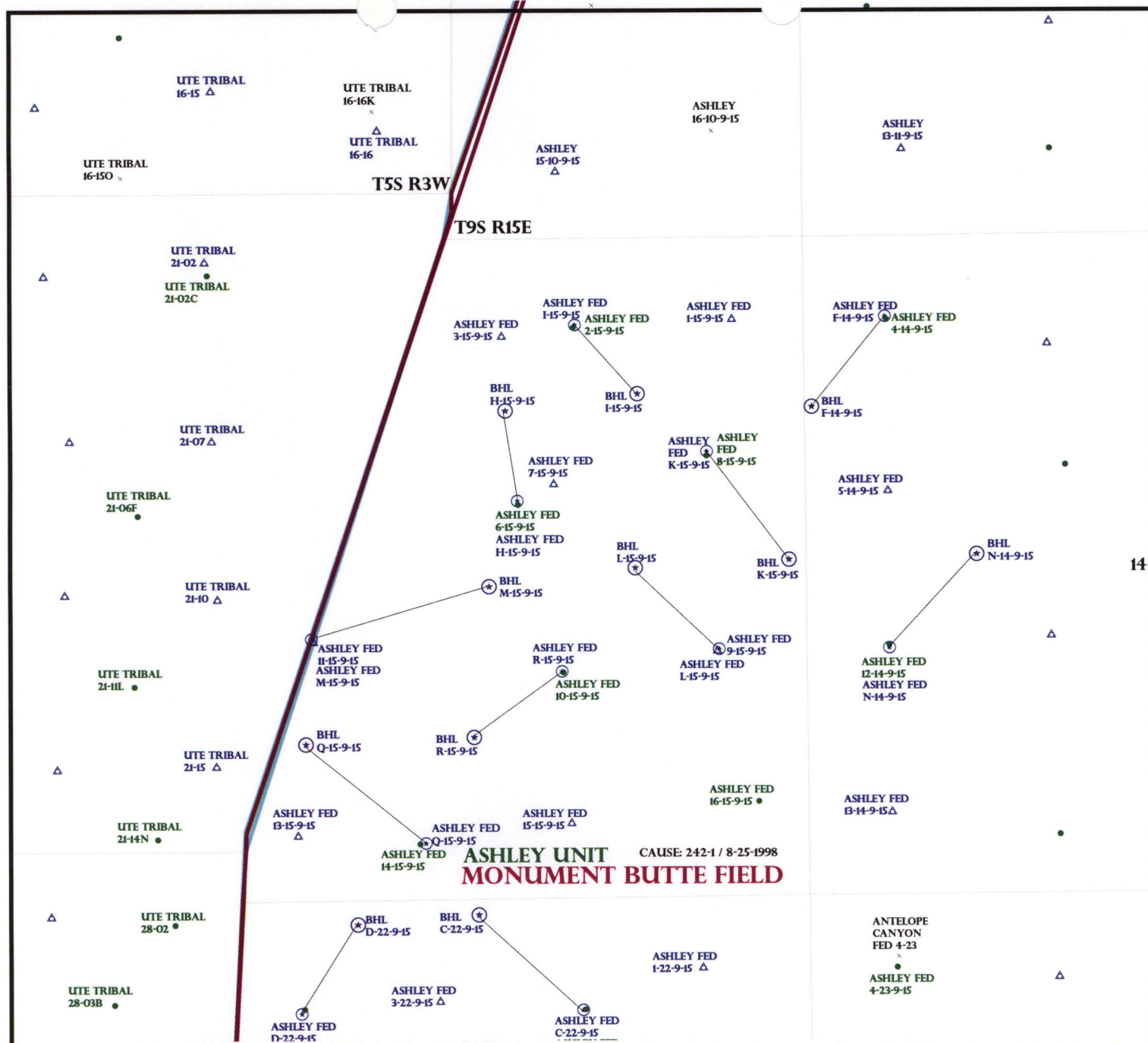
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: ASHLEY
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 242-1
Eff Date: 8-25-1998
Siting: Suspension of Siting
☒ R649-3-11. Directional Drill

COMMENTS: See Separate Blk

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 15 T.9S R. 15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



PREPARED BY: DIANA MASON
DATE: 29-MAY-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

May 29, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Ashley Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33986	Ashley Fed Q-15-9-15 Sec 15 T09S R15E 0471 FSL 1455 FWL	
	BHL Sec 15 T09S R15E 1265 FSL 0505 FWL	
43-013-33987	Ashley Fed H-15-9-15 Sec 15 T09S R15E 2098 FNL 0583 FWL	
	BHL Sec 15 T09S R15E 1390 FNL 2365 FEL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Ashley Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-29-08



June 4, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

43-013-33987

RE: Directional Drilling
Ashley Federal H-15-9-15
Ashley Unit
UTU-73520X
Surface Hole: T9S R15E, Section 15: Lot 2 (SENW)
2098' FNL 583' FWL
Bottom Hole: T9S R15E, Section 15
1390' FNL 2365' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated April 11, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Ashley Unit UTU-73520X. Newfield certifies that it is the Ashley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Ashley Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Roxann Eveland

Roxann Eveland
Land Associate

RECEIVED
JUN 06 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

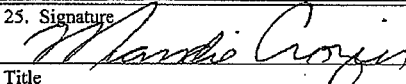
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052			8. Lease Name and Well No. Ashley Federal H-15-9-15
3b. Phone No. (include area code) (435) 646-3721			9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW (Lot #2) 2098' FNL 583' FWL At proposed prod. zone 1390' FNL 2365' FEL			10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.9 miles southwest of Myton, Utah			11. Sec., T., R., M., or Blk. and Survey or Area Sec. 15, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1502' f/le, 1502' f/unit	16. No. of Acres in lease 1,360.57	17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 975'	19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6234' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED
JUN 06 2008
DIV. OF OIL, GAS & MINING

ASHLEY UNIT H-15-9-15
(Surface Location) NAD 83
LATITUDE = 40° 01' 56.63"
LONGITUDE = 110° 13' 09.75"



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 9, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Ashley Federal H-15-9-15 Well, Surface Location 2098' FNL, 583' FWL, SE NW,
Sec. 15, T. 9 South, R. 15 East, Bottom Location 1390' FNL, 2365' FEL, SW NE,
Sec. 15, T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33987.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Ashley Federal H-15-9-15
API Number: 43-013-33987
Lease: UTU-66184

Surface Location: SE NW Sec. 15 T. 9 South R. 15 East
Bottom Location: SW NE Sec. 15 T. 9 South R. 15 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

2008 MAY 28 PM 12 36

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

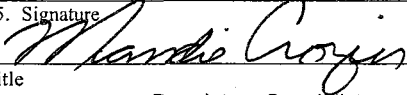
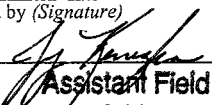
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal H-15-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33987
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW (Lot #2) 2098' FNL 583' FWL At proposed prod. zone 1390' FNL 2365' FEL SUNE		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 15, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1502' f/lse, 1502' f/unit	16. No. of Acres in lease 1,360.57	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 975'	19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6234' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewels	Date FEB 05 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

UDOGM

NOTICE OF APPROVAL

RECEIVED

FEB 10 2009

DIV. OF OIL, GAS & MINING

NOS 4/10/08

08 PP 0731A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** Lot 2, Sec. 15, T9S, R15E (S)
SWNE, Sec. 15, T9S, R15E(B)
Well No: Ashley Federal H-15-9-15 **Lease No:** UTU-66184
API No: 43-013-33987 **Agreement:** Ashley Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

CONDITIONS OF APPROVAL:

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Raptors

Areas where surface disturbance will take place have been identified as habitat for ferruginous hawks and golden eagles. Two inactive ferruginous hawk nests located within Township 9 South, Range 15 East lie within 0.5 mile southeast of the proposed well Ashley Federal K-15-9-15, three more ferruginous hawk nests are located within 0.5 mile of Ashley Federal R-15-9-15, and one ferruginous hawk nest is located within 0.5 mile of Ashley D-22-9-15. In order to minimize disturbance to ferruginous hawk nesting, Newfield has agreed to engage in no surface activities, construction, drilling, or completion operations from March 1 to August 1.

Additional nests are located within 0.5 mile of wells Ashley Federal P-12-9-15, N-14-9-15, D-22-9-15, and L-15-9-15, but due to the advanced state of deterioration of the nests, no timing stipulations will be applied.

Newfield will prevent adverse impacts to active raptor nests during the breeding season by adhering to the temporal and spatial limitations. If new construction or surface-disturbing activities are scheduled during the breeding season for raptors, a BLM approved biologist acceptable to the BLM will conduct a presence/absence survey using scientifically accepted survey protocols. Construction and drilling activities will not occur within 0.5 mile of an active nest. If the nests are determined to be inactive, then this applicant committed measure can be waived by the authorized officer.

Interim and Final Reclamation

Reclamation Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. The reserve pit and the portion of the well not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area. Seeding shall be implemented in the fall only, between August 15 and December 15. The seed shall be drilled wherever possible. If the seed is aerially broadcasted, then the seed shall be covered immediately (crimped into the topsoil with a bulldozer or other heavy equipment). *Forage Kochia shall be applied to the surface and not covered.* If initial seeding is not successful, reseeding may be required.

Interim and Final Seed mix for well K-15-9-15:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Siberian Wheatgrass	<i>Agropyron fragile</i>	1.0	¼ - ½"
Squirrel tail	<i>Elymus elymoides</i>	3.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"

Interim and Final Seed for wells P-12-9-15, I-15-9-15, D-22-9-15, I-1-9-15.

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	5.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Forage Kochia	<i>Kochia prostrate</i>	0.25	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"
Crested Wheatgrass	<i>Agropyron cristatum</i>	5.0	½"

Interim and Final Seed mix for wells: R-15-9-15, H-15-9-15, N-14-9-15, W-1-9-15, Q-15-9-15, L-15-9-15

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	6.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	1.0	½"
Forage Kochia	<i>Kochia prostrate</i>	0.2	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	1.0	½"
Scarlet	<i>Sphaeralcea</i>	0.2	½"

Globemallow	<i>coccinea</i>		
Fourwing Saltbush	<i>Atriplex canescens</i>	1.0	1/2"
Siberian Wheatgrass	<i>Agropyron fragile</i>	2.0	1/2"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. *Final seed mix:* same as interim unless otherwise instructed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- **Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: ASHLEY
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: ASHLEY FED H-15-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 0583 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 15 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013339870000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/26/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests to extend the APD for this well for one more year.		
Approved by the Utah Division of Oil, Gas and Mining Date: <u>May 27, 2009</u> By:		
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825
SIGNATURE N/A		TITLE Regulatory Tech
DATE 5/26/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339870000

API: 43013339870000

Well Name: ASHLEY FED H-15-9-15

Location: 2098 FNL 0583 FWL QTR SENW SEC 15 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

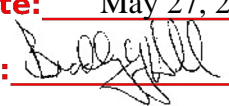
Date: 5/26/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: May 27, 2009

By:

RECEIVED May 26, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/26/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests to extend the APD for this well for one more year.		
Approved by the Utah Division of Oil, Gas and Mining Date: <u>May 27, 2009</u> By: 		
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825
SIGNATURE N/A		TITLE Regulatory Tech
DATE 5/26/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339870000

API: 43013339870000

Well Name: ASHLEY FED H-15-9-15

Location: 2098 FNL 0583 FWL QTR SENW SEC 15 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

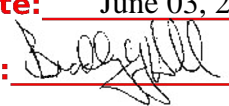
Date: 5/26/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: May 27, 2009

By:

RECEIVED May 26, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66184			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: ASHLEY FED H-15-9-15			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2098 FNL 0583 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 15 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013339870000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to extend the permit to drill this well for one year.					
Approved by the Utah Division of Oil, Gas and Mining Date: June 03, 2010 By: 					
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech			
SIGNATURE N/A	DATE 6/1/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339870000

API: 43013339870000

Well Name: ASHLEY FED H-15-9-15

Location: 2098 FNL 0583 FWL QTR SENW SEC 15 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 6/1/2010

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 03, 2010

By:

RECEIVED June 01, 2010

spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #29
Submitted By Mitch Benson Phone Number (435) 823-5885
Name/Numer ASHLEY FEDERAL H-15-9-15
Qtr/Qrt SE/NW Section 15 Township 9S Range 15E
Lease Serial Number UTU-66184
API Number 43-013-33987

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/28/2010 8:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 7/28/2010 3:00:00 PM

Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2098 FNL 0583 FWL
Section 15 T9S R15E

5. Lease Serial No.

USA UTU-66184

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.
ASHLEY FEDERAL H-15-9-15

9. API Well No.
4301333987

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/28/10 MIRU Ross Rig # 29.Spud well @ 9:00 AM. Drill 355' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 356.55' KB On 7/30/10 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

Title

Drilling Foreman

Date

07/30/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED
AUG 10 2010

DEPT. OF CL, OAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT

356.55

LAST CASING 8 5/8" SET AT 356.55

DATUM 13

DATUM TO CUT OFF CASING 13

DATUM TO BRADENHEAD FLANGE 13

TD DRILLER	355	LOGGER
------------	-----	--------

HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company

WELL ASHLEY H-15-9-15

FIELD/PROSPECT **Monument Butte**

CONTRACTOR & RIG # **Ross Rig # 29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	COND T	LENGTH
1		Weatherford well head					A	0.95
8	8 5/8"	ST&C Casing (Shoe jt 43.25')		24	J-55	STC	A	343.7
1	8 5/8"	Guide shoe					A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				345.55
TOTAL LENGTH OF STRING		345.55	8	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				13
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				356.55
TOTAL		343.7	8	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		343.7	8					
TIMING								
BEGIN RUN CSG.	Spud	9:00 AM	7/28/2010	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		3:00 PM	7/28/2010	Bbls CMT CIRC TO SURFACE				3
BEGIN CIRC		10:12 AM	7/30/2010	RECIPROCATED PIP				No
BEGIN PUMP CMT		10:28 AM	7/30/2010	BUMPED PLUG TO				450
BEGIN DSPL. CMT		10:39 AM	7/30/2010					
PLUG DOWN		10:46 AM	7/30/2010					

[illegible]

COMPANY REPRESENTATIVE

Alvin Nielsen

DATE 7/30/2010

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301350128	GREATER BOUNDARY II FEDERAL S-21-8-17	SESE NWSE	21	8S	17E	DUCHESNE	7/29/2010	8/19/10
WELL 1 COMMENTS: GRRV BHL = NWSE											
B	99999	17400	50183 4301350815	SANDWASH FEDERAL S-31-8-17	NESE	31	8S	17E	DUCHESNE	7/27/2010	8/19/10
GRRV BHL = NESE											
A	99999	17732	4301350315	UTE TRIBAL 6-26-4-3	SENW	26	4S	3W	DUCHESNE	7/24/2010	8/19/10
GRRV											
B	99999	17400	4301333987	ASHLEY FEDERAL H-15-9-15	SENW	15	9S	15E	DUCHESNE	7/28/2010	8/19/10
GRRV BHL = SWNE											
A	99999	17733	4301350314	UTE TRIBAL 4-26-4-3	NWNW	26	4S	3W	DUCHESNE	7/28/2010	8/19/10
WELL 5 COMMENTS: GRRV											
B	99999	17400	4301334198	WEST POINT FEDERAL 4-31-8-16	NWNW	31	8S	16E	DUCHESNE	8/3/2010	8/19/10
WELL 5 COMMENTS: GRRV											

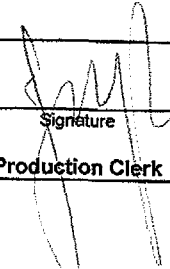
ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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AUG 10 2010

DIV. OF OIL, GAS & MINING

Signature: 
Jentri Park
Production Clerk
Date: 08/10/10

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66184
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: ASHLEY FEDERAL H-15-9-15
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 15, T9S, R15E		9. API NUMBER: 4301333987
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/27/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 08-27-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 08/30/2010

(This space for State use only)

RECEIVED

SEP 07 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****ASHLEY H-15-9-15****6/1/2010 To 10/30/2010****8/16/2010 Day: 1****Completion**

Rigless on 8/16/2010 - Ran CBL & perforated 1st stage. SIWFN w/ 146 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6127' w/ TOC @ 274'. RIH w/ 3 1/8" ported guns & perforate CP2 sds @ 5834- 40' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 24 shots. RD WLT & Hot Oiler. SIWFN w/ 146 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$11,888**8/23/2010 Day: 2****Completion**

Rigless on 8/23/2010 - Frac well. Flow well back. - Stage #1: RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 65 psi on casing. Perfs broke down @ 2955 psi, back to 2379 psi w/ 5 bbls @ 3 bpm. ISIP was 2032 w/ .78FG. 1 min was 1770. 4 min was 1616. Pump 6 bbls of 15% HCL acid (had a 900 psi drop when hit perfs). Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 15,649#'s of 20/40 sand in 345 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2793 w/ ave rate of 27 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2015 w/ .78FG. 5 min was 1876. 10 min was 1862. 15 min was 1847. Leave pressure on well. 491 Bbls EWTR. - Stage #4: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 4390'. Perferate GB6 sds @ 4284-92', 4268-70', 4241-43' w/ 3 spf for total of 36 shots. RU BJ & open well w/ 1725 psi on casing. Perfs broke down @ 1826 psi, back to 1830 psi w/ 5 bbls @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 74,056#'s of 20/40 sand in 594 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2761 w/ ave rate of 41 bpm w/ 8 ppg of sand. ISIP was 2594 w/ 1.04FG. 5 min was 2355. 10 min was 2268. 15 min was 2220. 1843 Bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 6 hours & turned to oil. SIFN w/ 943 bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 4910'. Perferate D2 sds @ 4820-22', 4813-16', D1 sds @ 4770-75' w/ 3 spf for total of 30 shots. RU BJ & open well w/ 1921 psi on casing. Perfs broke down @ 2562 psi, back to 1910 psi w/ 2 bbls @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 35,833#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2750 w/ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2286 w/ .91FG. 5 min was 2106. 10 min was 2045. 15 min was 1981. Leave pressure on well. 1249 Bbls EWTR. - Stage #2: RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & perf guns. Set plug @ 5730'. WLT having trouble w/ grease. Perferate LODC sds @ 5631-37', 5611-16' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 33 shots. RU BJ & open well w/ 1720 psi on casing. Perfs broke down @ 2507 psi, back to 2390 psi w/ 3 bbls @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 24,986#'s of 20/40 sand in 375 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2858 w/ ave rate of 35 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2686 w/ .91FG. 5 min was 2107. 10 min was 2054. 15 min was 2038. Leave pressure on well. 866 Bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$91,806**8/24/2010 Day: 3****Completion**

WWS #5 on 8/24/2010 - Set kill plug. MIRUSU. - RU Hot Oiler & pump 13 bbls hot water down casing. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite solid plug & set @ 4190'. RD WLT. MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. SIFN.

Daily Cost: \$0

Cumulative Cost: \$136,547

8/25/2010 Day: 4**Completion**

WWS #5 on 8/25/2010 - TIH w/ tbg. Drlg plugs. C/O to PBTD. - RU 4-3/4" new Chomp mill & x-over sub. Tally, pick-up & TIH w/ new J-55, 2-7/8", 6.5#, 8 EUE tbg to tag plug @ 4190'. RU swivel, pump & tanks. Drlg out plug in 21 min. Continue TIH Drlg out plugs. Tag fill @ 6062'. C/O to PBTD @ 6152'. LD 3 jts tbg. RU swab equipment. Made 10 runs & rec'd 98 bbls fluid. Last run showed trace of sand. FFL was 800'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$142,882

8/26/2010 Day: 5**Completion**

WWS #5 on 8/26/2010 - Swab well. TIH w/ production tbg. - Open well w/ 300 psi on casing. RU swab equipment. Made 5 runs to rec'd 40 bbls fluid. Last run showed trace of oil w/ no sand. FFL was 900'. RD swab equipment. TIH w/ tbg to tag 5' of new sand. Circulate well clean. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 185 jts tbg. RD BOP's. Set TA 5818' w/ 18,000#'s tension w/ SN @ 5853' & EOT @ 5917'. PU prime pump. TIH w/ new Cntrl Hydrlic 2-1/2" x 1-3/4" x 17' x 24' RHAC w/ 224", 4- 1-1/2" weight rods, 160- 7/8" guided rods, 1-1/2" x 30' polish rod. SIFN w/ 800 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$148,404

8/27/2010 Day: 6**Completion**

WWS #5 on 8/27/2010 - Put well on pump. - Open well w/ 100 psi on casing. Continue PU & TIH w/ rods. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 10:30 AM w/ 144"SL @ 5 spm w/ 800 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$197,881

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reserv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2098' FNL & 583' FWL (SE/NW) (LOT 2) SEC. 15, T9S, R15E (UTU-66184)

At top prod. interval reported below 1529' FNL & 2486' FEL (SW/NE) SEC. 15, T9S, R15E (UTU-66184)

At total depth 1228' FNL & 2243' FEL (NW/NE) SEC. 15, T9S, R15E (UTU-66184)

14. Date Spudded
07/28/2010

15. Date T.D. Reached
08/09/2010

16. Date Completed 08/27/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6234' GL 6246' KB

18. Total Depth: MD 6213'
TVD 6098'

19. Plug Back T.D.: MD 6127'
TVD 6013

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	356'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6199'		250 PRIMLITE		274'	
NEW						400 50/50 POZ			
3. Add									
4. Log									

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 5918'	TA @ 5819'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5834-5840' CP2	.36"	3	18
B) Green River			5611-5637' LODC	.34"	3	33
C) Green River			4770-4822' D1 D2	.34"	3	30
D) Green River			4241-4292' GB6	.34"	3	36

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5834-5840'	Frac w/ 15649#'s 20/40 sand in 99 bbls of Lightning 17 fluid.
5611-5637'	Frac w/ 24986#'s 20/40 sand in 146 bbls of Lightning 17 fluid.
4770-4822'	Frac w/ 35833#'s 20/40 sand in 169 bbls of Lightning 17 fluid.
4241-4292'	Frac w/ 74056#'s 20/40 sand in 318 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-27-10	9-10-10	24	→	116	38	56			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2-7/8"			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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SEP 22 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3671' 3922'
				GARDEN GULCH 2 POINT 3	4031' 4298'
				X MRKR Y MRKR	4577' 4616'
				DOUGALS CREEK MRK BI CARBONATE MRK	4727' 4980'
				B LIMESTON MRK CASTLE PEAK	5084' 5661'
				BASAL CARBONATE	6107'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 09/17/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Daily Activity Report

Format For Sundry

ASHLEY H-15-9-15**5/1/2010 To 9/30/2010****ASHLEY H-15-9-15****Waiting on Cement****Date:** 7/30/2010

Ross #29 at 355. Days Since Spud - BLM & State was notif of spud - Flake & Returned 3 bbls cmt to pit - Ross rig # 29 spud the Ashley Federal H-15-9-15 on 7/28/10 @ 9:00 AM TD 355' - On 7/28/10 Ran 85/8" surface casing (Guide shoe shoe jt, Baffle plate, 7 jts set @ 356.55') - On 7/30/10 Cemented 85/8" casing w/ 160 sks Mixed @ 15.8 ppg 1.17 yeild Class G+2% CaCl

Daily Cost: \$0**Cumulative Cost:** \$48,632

ASHLEY H-15-9-15**Rig Repair****Date:** 8/4/2010

Capstar #328 at 335. 0 Days Since Spud - Cut 45' of drlg line - Rig serv - Work on right angle drive - Move rig 2 miles w/ Howcroft Trucking & RU on the Ashley Fed H-15-9-15 on 8/3/10 - Nipple up Bops - Aceppt rig @ 1:00 PM on 8/3/10 held saftey mtg w/ B&C Quick Test & Test Pipe rams inside choke valve - s & Blind rams outside choke rams & Upper kelly valve Floor valve to 2000#s for 10 min & - & TIH tag cement @ 224' - PU BHA Smith PDC Bit, Dog sub,Hunting MM 7/8 mil 4.8 stg .33 , NMDC, XO,Gap sub,XO,Ant sub, NMDC & - RU Flair lines - Test casing to 1500#s for 30 min

Daily Cost: \$0**Cumulative Cost:** \$107,213

ASHLEY H-15-9-15**Rig Repair****Date:** 8/5/2010

Capstar #328 at 335. 0 Days Since Spud - Wait on bearings for right angle drive & repair rig They sent the wrong bearings so we are still - Wait on bearings for right angle drive & repair rig They sent the wrong bearings so we are still

Daily Cost: \$0**Cumulative Cost:** \$120,590

ASHLEY H-15-9-15**Drill 7 7/8" hole with fresh water****Date:** 8/6/2010

Capstar #328 at 1380. 1 Days Since Spud - TOOH & change batterys in dirc tools & TIH - Put rig back together - Drill 77/8 hole f/ 224' to 1380' WOB= 10/15 GPM= 409 RPMS= 184 ROP= 154' pr hr - Wait on parts & Repair rig

Daily Cost: \$0**Cumulative Cost:** \$133,109

ASHLEY H-15-9-15**Drill 7 7/8" hole with fresh water****Date:** 8/7/2010

Capstar #328 at 4595. 2 Days Since Spud - Rig serv - Drill 77/8 hole f/ 1380' to 3327' WOB= 18/20 GPM= 409 RPMS= 184 ROP= 169' pr hr - Drill 77/8 hole f/ 3327' to 4595' WOB= 18/20 GPM= 409 RPMS= 184 ROP= 105' pr hr

Daily Cost: \$0**Cumulative Cost:** \$153,398

ASHLEY H-15-9-15**Lay Down Drill Pipe/BHA****Date:** 8/8/2010

Capstar #328 at 6213. 3 Days Since Spud - Rig serv - Drill 77/8 hole f/ 5638' to 6213' WOB= 20/22 GPM= 409 RPMS= 184 ROP= 88' pr hr - LDDP - Circ f/ Laydown - LDDP to 4000' & Pump 270 bbls of brine wtr - Well flowing @ 5000' 4 GPM - Drill 77/8 hole f/ 4595' to 5638' WOB= 20/22 GPM= 409 RPMS= 184 ROP= 90.6' pr hr

Daily Cost: \$0**Cumulative Cost:** \$193,044

ASHLEY H-15-9-15**Rigging down****Date:** 8/9/2010

Capstar #328 at 6213. 4 Days Since Spud - RU to run casing run 142 jts of 5.5" J55 15.5# LTC shoe @ 6199.13' Float collar @ 6152.38' - Compensated Neutron Gamma Ray Loggers depth= 6210' - Held saftey mtg w/ Phoenix Survey Inc & Log w/ Duel Guard Log & Gamma Ray & Compensated Density & - Rig down top drive - LD BHA - Transferred 3 jts to the Humpback Fed S-24-8-17 - Circ f/ cmt job - RU BJ pressure test lines & Cement w/ 250sks of lead cmt mixed @ 11 ppg 3.53 yeild PLII+3%KCL+5#CSE+ - 0.5#CF+2#KOL+5SMS+FP+SF & 400sks of Tail cmt mixed @ 14.4 ppg 1.24 yeild 50:50:2+3%KCL+0.5%EC-1+ - Nipple down & Set 5.5 casing slips w/ 100,000#s - Clean Mud pits - Release rig @ 8/9/10 1:00 AM - .25#CF+.05#SF+.3SMS+FP-6L Disp w/ 146.6 bbls returned 16 bbls cement to pit bumped plug to **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$322,428

Pertinent Files: Go to File List

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 15 T9S, R15E
H-15-9-15

Wellbore #1

Design: Actual

Standard Survey Report

14 September, 2010

HATHAWAY  BURNHAM
DIRECTIONAL & MWD SERVICES 



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S, R15E
Well: H-15-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well H-15-9-15
TVD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
MD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 15 T9S, R15E, SEC 15 T9S, R15E		
Site Position:		Northing:	7,182,500.00 ft
From:	Map	Easting:	1,999,400.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 1' 50.727 N
		Longitude:	110° 13' 4.516 W
		Grid Convergence:	0.82 °

Well	H-15-9-15, SHL LAT: 40 01 56.63, LONG: -110 13 09.75		
Well Position	+N/-S	Northing:	7,183,091.38 ft
	+E/-W	Easting:	1,998,984.40 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	6,246.0 ft
		Latitude:	40° 1' 56.630 N
		Longitude:	110° 13' 9.750 W
		Ground Level:	6,234.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/07/23	11.49	65.78	52,324

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	39.17	

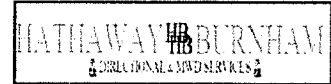
Survey Program	Date	2010/09/14			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
323.0	6,213.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
323.0	0.18	297.05	323.0	0.2	-0.5	-0.1	0.06	0.06	0.00	
354.0	0.31	132.78	354.0	0.2	-0.4	-0.1	1.57	0.42	-529.90	
415.0	0.47	73.51	415.0	0.2	-0.1	0.1	0.67	0.26	-97.16	
446.0	0.94	57.48	446.0	0.3	0.3	0.4	1.63	1.52	-51.71	
476.0	1.43	37.70	476.0	0.8	0.7	1.0	2.10	1.63	-65.93	
507.0	2.07	33.55	507.0	1.5	1.2	2.0	2.10	2.06	-13.39	
538.0	2.78	34.38	537.9	2.6	2.0	3.3	2.29	2.29	2.68	
568.0	3.56	35.84	567.9	4.0	2.9	4.9	2.61	2.60	4.87	
599.0	3.91	36.54	598.8	5.6	4.1	7.0	1.14	1.13	2.26	
630.0	4.48	37.74	629.8	7.4	5.5	9.2	1.86	1.84	3.87	
660.0	4.66	41.24	659.7	9.3	7.0	11.6	1.11	0.60	11.67	
691.0	5.22	45.86	690.5	11.2	8.9	14.3	2.21	1.81	14.90	



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S, R15E
Well: H-15-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well H-15-9-15
TVD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
MD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
721.0	5.45	48.89	720.4	13.1	10.9	17.0	1.21	0.77	10.10
752.0	6.08	50.91	751.3	15.1	13.3	20.1	2.13	2.03	6.52
782.0	6.59	52.01	781.1	17.1	15.9	23.3	1.75	1.70	3.67
828.0	6.99	50.51	826.7	20.5	20.1	28.6	0.95	0.87	-3.26
873.0	7.29	47.61	871.4	24.2	24.4	34.1	1.04	0.67	-6.44
918.0	7.73	45.33	916.0	28.3	28.6	40.0	1.18	0.98	-5.07
964.0	8.17	42.87	961.6	32.8	33.0	46.3	1.21	0.96	-5.35
1,009.0	8.66	41.72	1,006.1	37.7	37.5	52.9	1.15	1.09	-2.56
1,054.0	8.92	40.89	1,050.6	42.9	42.0	59.8	0.64	0.58	-1.84
1,100.0	9.54	40.27	1,096.0	48.5	46.8	67.1	1.37	1.35	-1.35
1,145.0	9.98	39.22	1,140.3	54.3	51.7	74.8	1.05	0.98	-2.33
1,190.0	10.46	37.86	1,184.6	60.6	56.7	82.7	1.19	1.07	-3.02
1,236.0	10.81	38.69	1,229.8	67.2	61.9	91.2	0.83	0.76	1.80
1,281.0	11.51	39.22	1,274.0	74.0	67.4	99.9	1.57	1.56	1.18
1,325.0	12.03	38.91	1,317.0	81.0	73.0	108.9	1.19	1.18	-0.70
1,372.0	12.17	39.26	1,363.0	88.6	79.3	118.8	0.34	0.30	0.74
1,416.0	12.44	40.10	1,406.0	95.8	85.2	128.1	0.74	0.61	1.91
1,462.0	12.83	39.75	1,450.9	103.6	91.7	138.2	0.86	0.85	-0.76
1,507.0	12.79	39.40	1,494.7	111.3	98.1	148.2	0.19	-0.09	-0.78
1,552.0	12.83	39.75	1,538.6	118.9	104.4	158.2	0.19	0.09	0.78
1,598.0	12.57	38.12	1,583.5	126.8	110.8	168.3	0.96	-0.57	-3.54
1,643.0	12.04	35.42	1,627.5	134.5	116.5	177.9	1.74	-1.18	-6.00
1,688.0	11.90	33.45	1,671.5	142.2	121.8	187.2	0.96	-0.31	-4.38
1,734.0	11.78	33.77	1,716.5	150.0	127.0	196.5	0.30	-0.26	0.70
1,779.0	11.78	35.88	1,760.6	157.6	132.3	205.7	0.96	0.00	4.69
1,824.0	11.95	39.18	1,804.6	164.9	137.9	215.0	1.55	0.38	7.33
1,869.0	12.00	39.66	1,848.6	172.1	143.8	224.3	0.25	0.11	1.07
1,915.0	12.04	39.62	1,893.6	179.5	149.9	233.9	0.09	0.09	-0.09
1,960.0	12.22	39.00	1,937.6	186.8	155.9	243.3	0.49	0.40	-1.38
2,005.0	12.35	38.03	1,981.6	194.3	161.9	252.9	0.54	0.29	-2.16
2,051.0	12.48	38.34	2,026.5	202.1	168.0	262.8	0.32	0.28	0.67
2,096.0	12.61	38.25	2,070.4	209.8	174.1	272.6	0.29	0.29	-0.20
2,142.0	12.35	39.75	2,115.3	217.5	180.3	282.5	0.90	-0.57	3.26
2,187.0	12.61	40.63	2,159.3	224.9	186.6	292.2	0.72	0.58	1.96
2,232.0	12.65	39.46	2,203.2	232.4	192.9	302.1	0.58	0.09	-2.60
2,277.0	12.47	37.66	2,247.1	240.1	199.0	311.8	0.96	-0.40	-4.00
2,323.0	12.52	37.37	2,292.0	248.0	205.1	321.8	0.17	0.11	-0.63
2,368.0	12.52	40.19	2,335.9	255.6	211.2	331.5	1.36	0.00	6.27
2,413.0	12.43	41.44	2,379.9	262.9	217.5	341.3	0.63	-0.20	2.78
2,459.0	12.13	41.46	2,424.8	270.3	224.0	351.0	0.65	-0.65	0.04
2,504.0	11.73	39.22	2,468.9	277.4	230.0	360.3	1.36	-0.89	-4.98
2,549.0	11.83	37.02	2,512.9	284.6	235.7	369.5	1.02	0.22	-4.89
2,594.0	11.69	38.30	2,557.0	291.9	241.3	378.7	0.66	-0.31	2.84
2,640.0	12.13	38.16	2,602.0	299.3	247.2	388.2	0.96	0.96	-0.30
2,685.0	12.35	40.14	2,646.0	306.7	253.2	397.7	1.05	0.49	4.40
2,730.0	12.52	39.35	2,689.9	314.2	259.4	407.4	0.53	0.38	-1.76
2,776.0	13.32	39.00	2,734.7	322.1	265.9	417.7	1.75	1.74	-0.76
2,821.0	13.97	40.58	2,778.5	330.3	272.7	428.3	1.66	1.44	3.51
2,866.0	13.45	40.76	2,822.2	338.4	279.6	439.0	1.16	-1.16	0.40
2,911.0	12.10	39.06	2,866.1	346.0	286.0	448.9	3.11	-3.00	-3.78
2,957.0	11.47	38.03	2,911.1	353.4	291.9	458.3	1.44	-1.37	-2.24
3,002.0	11.95	35.35	2,955.2	360.7	297.3	467.4	1.61	1.07	-5.96
3,048.0	12.66	34.17	3,000.1	368.7	302.9	477.2	1.64	1.54	-2.57
3,093.0	12.19	34.21	3,044.1	376.7	308.4	486.9	1.04	-1.04	0.09



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 15 T9S, R15E
 Well: H-15-9-15
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well H-15-9-15
 TVD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
 MD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,138.0	12.26	35.57	3,088.0	384.6	313.8	496.4	0.66	0.16	3.02
3,184.0	12.38	39.57	3,133.0	392.3	319.8	506.2	1.87	0.26	8.70
3,229.0	13.36	41.99	3,176.8	399.9	326.4	516.2	2.49	2.18	5.38
3,274.0	13.67	42.87	3,220.6	407.7	333.4	526.7	0.83	0.69	1.96
3,319.0	13.80	42.52	3,264.3	415.5	340.7	537.3	0.34	0.29	-0.78
3,363.0	13.75	41.64	3,307.0	423.3	347.7	547.8	0.49	-0.11	-2.00
3,409.0	13.62	41.72	3,351.7	431.4	355.0	558.7	0.29	-0.28	0.17
3,454.0	13.62	41.42	3,395.5	439.4	362.0	569.3	0.16	0.00	-0.67
3,499.0	13.54	41.37	3,439.2	447.3	369.0	579.8	0.18	-0.18	-0.11
3,545.0	13.67	40.36	3,483.9	455.5	376.0	590.6	0.59	0.28	-2.20
3,590.0	13.18	39.75	3,527.7	463.5	382.8	601.1	1.13	-1.09	-1.36
3,635.0	12.79	38.69	3,571.5	471.3	389.2	611.2	1.02	-0.87	-2.36
3,681.0	12.35	37.99	3,616.4	479.1	395.4	621.2	1.01	-0.96	-1.52
3,726.0	12.13	37.95	3,660.4	486.7	401.2	630.7	0.49	-0.49	-0.09
3,771.0	12.08	38.08	3,704.4	494.1	407.1	640.2	0.13	-0.11	0.29
3,817.0	12.13	38.69	3,749.4	501.7	413.0	649.8	0.30	0.11	1.33
3,862.0	12.08	39.35	3,793.4	509.0	419.0	659.3	0.33	-0.11	1.47
3,907.0	12.08	40.41	3,837.4	516.2	425.0	668.7	0.49	0.00	2.36
3,953.0	12.52	39.35	3,882.3	523.7	431.3	678.5	1.08	0.96	-2.30
3,998.0	12.48	38.03	3,926.3	531.3	437.4	688.2	0.64	-0.09	-2.93
4,043.0	12.44	37.77	3,970.2	539.0	443.4	697.9	0.15	-0.09	-0.58
4,088.0	12.44	37.24	4,014.2	546.7	449.3	707.6	0.25	0.00	-1.18
4,134.0	11.82	37.07	4,059.1	554.4	455.1	717.3	1.35	-1.35	-0.37
4,179.0	11.38	36.98	4,103.2	561.6	460.6	726.3	0.98	-0.98	-0.20
4,224.0	11.38	38.34	4,147.3	568.7	466.0	735.2	0.60	0.00	3.02
4,270.0	11.38	41.28	4,192.4	575.6	471.8	744.3	1.26	0.00	6.39
4,315.0	11.47	41.72	4,236.5	582.3	477.7	753.2	0.28	0.20	0.98
4,360.0	10.81	40.54	4,280.7	588.8	483.4	761.9	1.55	-1.47	-2.62
4,406.0	10.94	38.78	4,325.9	595.5	489.0	770.5	0.78	0.28	-3.83
4,451.0	11.38	39.70	4,370.0	602.3	494.5	779.2	1.05	0.98	2.04
4,496.0	11.74	41.42	4,414.1	609.1	500.3	788.3	1.11	0.80	3.82
4,541.0	11.56	41.37	4,458.2	615.9	506.3	797.3	0.40	-0.40	-0.11
4,587.0	11.43	39.40	4,503.2	622.9	512.3	806.5	0.90	-0.28	-4.28
4,632.0	11.60	38.40	4,547.3	629.9	517.9	815.5	0.58	0.38	-2.22
4,677.0	11.60	38.40	4,591.4	637.0	523.5	824.5	0.00	0.00	0.00
4,723.0	11.30	39.90	4,636.5	644.1	529.3	833.7	0.92	-0.65	3.26
4,768.0	11.60	42.50	4,680.6	650.8	535.2	842.6	1.33	0.67	5.78
4,813.0	11.50	43.00	4,724.7	657.4	541.3	851.6	0.31	-0.22	1.11
4,859.0	11.30	41.60	4,769.8	664.1	547.4	860.7	0.74	-0.43	-3.04
4,904.0	10.90	40.90	4,813.9	670.7	553.1	869.3	0.94	-0.89	-1.56
4,949.0	10.80	40.20	4,858.1	677.1	558.6	877.8	0.37	-0.22	-1.56
4,995.0	11.00	39.70	4,903.3	683.8	564.2	886.5	0.48	0.43	-1.09
5,040.0	11.10	41.30	4,947.5	690.3	569.8	895.1	0.72	0.22	3.56
5,085.0	11.30	40.40	4,991.6	696.9	575.5	903.8	0.59	0.44	-2.00
5,131.0	11.20	38.80	5,036.7	703.8	581.3	912.8	0.71	-0.22	-3.48
5,176.0	10.80	38.10	5,080.9	710.6	586.6	921.4	0.94	-0.89	-1.56
5,221.0	11.30	38.80	5,125.1	717.3	592.0	930.0	1.15	1.11	1.56
5,267.0	11.70	39.70	5,170.2	724.4	597.8	939.2	0.95	0.87	1.96
5,292.2	11.59	39.92	5,194.9	728.3	601.0	944.3	0.48	-0.44	0.88
H-15-9-15 TGT									
5,312.0	11.50	40.10	5,214.2	731.4	603.6	948.2	0.48	-0.44	0.90
5,357.0	11.50	40.20	5,258.3	738.2	609.4	957.2	0.04	0.00	0.22
5,402.0	11.10	40.30	5,302.5	744.9	615.1	966.0	0.89	-0.89	0.22
5,448.0	10.40	40.70	5,347.7	751.5	620.6	974.6	1.53	-1.52	0.87



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S, R15E
Well: H-15-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well H-15-9-15
TVD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
MD Reference: H-15-9-15 @ 6246.0ft (RIG 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,492.0	10.40	35.60	5,390.9	757.7	625.5	982.5	2.09	0.00	-11.59
5,538.0	10.60	36.10	5,436.2	764.5	630.4	990.9	0.48	0.43	1.09
5,584.0	10.80	37.10	5,481.4	771.4	635.5	999.4	0.59	0.43	2.17
5,629.0	10.90	38.40	5,525.6	778.1	640.7	1,007.9	0.59	0.22	2.89
5,674.0	10.58	40.51	5,569.8	784.5	646.0	1,016.3	1.13	-0.71	4.69
5,720.0	10.99	40.80	5,615.0	791.1	651.6	1,024.9	0.90	0.89	0.63
5,765.0	11.21	40.36	5,659.1	797.6	657.3	1,033.6	0.52	0.49	-0.98
5,810.0	11.51	36.36	5,703.2	804.6	662.8	1,042.4	1.87	0.67	-8.89
5,855.0	11.73	38.69	5,747.3	811.8	668.3	1,051.5	1.15	0.49	5.18
5,901.0	12.22	38.22	5,792.3	819.3	674.2	1,061.0	1.09	1.07	-1.02
5,946.0	12.13	40.98	5,836.3	826.6	680.3	1,070.5	1.31	-0.20	6.13
5,991.0	12.57	39.97	5,880.3	833.9	686.5	1,080.1	1.09	0.98	-2.24
6,037.0	12.92	35.88	5,925.1	841.9	692.8	1,090.3	2.10	0.76	-8.89
6,082.0	12.00	30.08	5,969.1	850.0	698.1	1,099.9	3.45	-2.04	-12.89
6,127.0	10.50	28.06	6,013.2	857.7	702.3	1,108.5	3.45	-3.33	-4.49
6,159.0	9.36	27.62	6,044.7	862.6	704.9	1,114.0	3.57	-3.56	-1.38
6,213.0	7.44	26.88	6,098.1	869.6	708.5	1,121.7	3.56	-3.56	-1.37

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
H-15-9-15 TGT	0.00	0.00	5,200.0	709.2	584.9	7,183,808.92	1,999,559.04	40° 2' 3.639 N	110° 13' 2.230 W
- actual wellpath misses by 25.5ft at 5292.3ft MD (5194.9 TVD, 728.3 N, 601.0 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



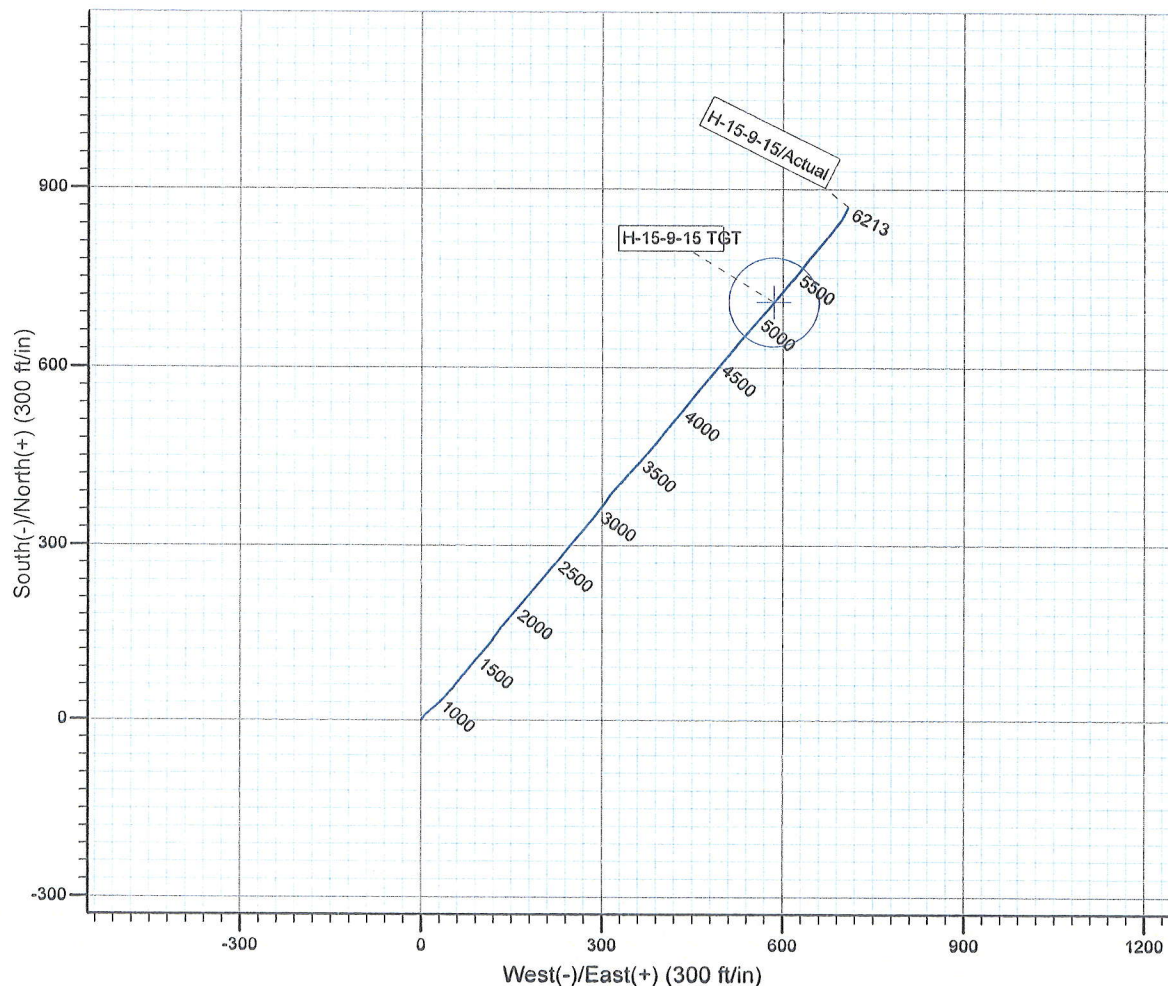
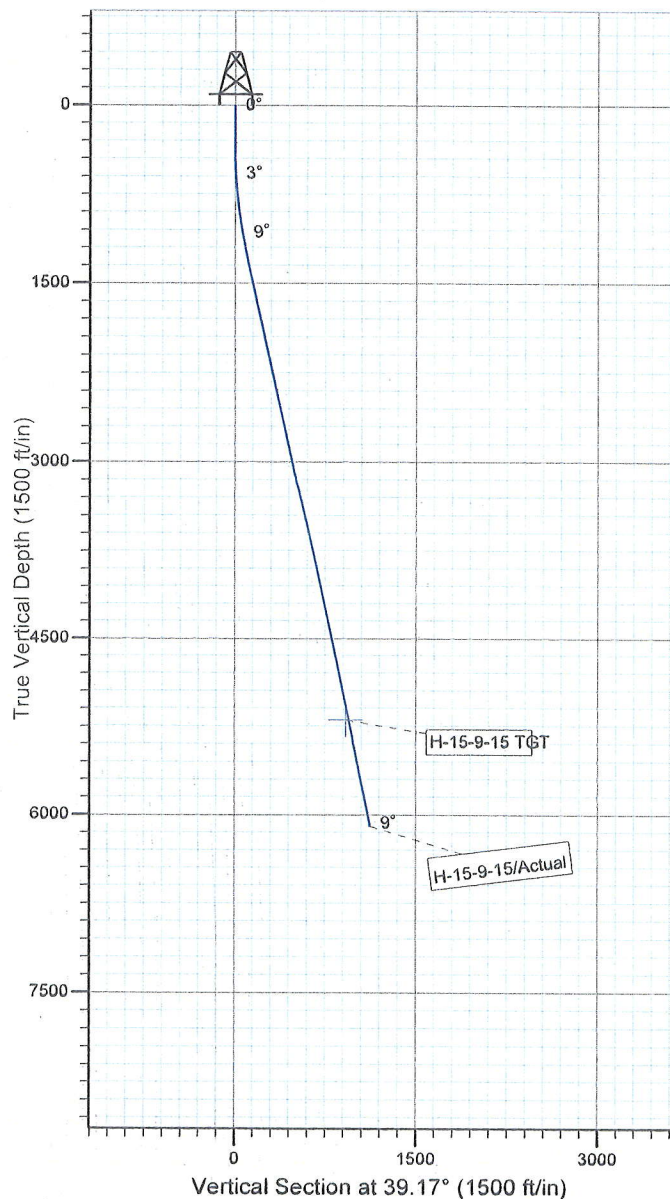
Project: USGS Myton SW (UT)
 Site: SECTION 15 T9S, R15E
 Well: H-15-9-15
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.49°

Magnetic Field
 Strength: 52323.8snT
 Dip Angle: 65.78°
 Date: 2010/07/23
 Model: IGRF2010



HATHAWAY HBBURNHAM
 DIRECTIONAL & MWD SERVICES

Design: Actual (H-15-9-15/Wellbore #1)

Created By: *Jim Hudson* Date: 17:42, September 14 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.